ORDER No.MD0004058C1

A2

Service Manual

Receiver

*1 DOLBY SURROUND PRO • LOGIC

DOLBY DIGITAL

*2 DIGITAL dts SURROUND

SA-G90

Colours

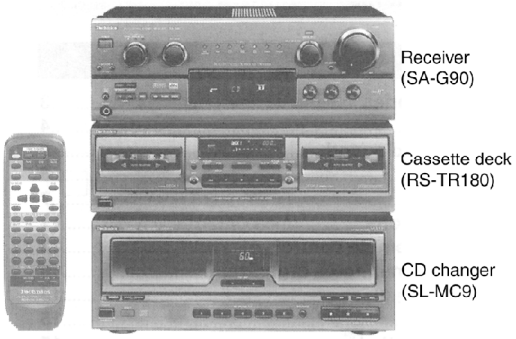
(K).....Black Type

Areas

PP.....U.S.A. and Canada

SYSTEM : SC-S2350 for the U.S.A.

SC-S245 for Canada



SPECIFICATIONS

Specification

● AMPLIFIER SECTION

Rated minimum sine wave RMS power output	
20Hz - 20kHz both channels driven / 0.05% total harmonic distortion	**100W per channel (8 Ω)**
1kHz continuous power output both channels driven	
0.05% total harmonic distortion	**105W per channel (8 Ω)**
Total harmonic distortion	
rated power at 20Hz - 20kHz	**0.05% (8 Ω)**
half power at 1kHz	**0.03% (8 Ω)**
Power output at 1 kHz each channel driven	
0.9% total harmonic distortion	
Front / Center / Surround	**2 x 100W (8 Ω) / 100W (8 Ω) / 2 x 100W (8 Ω)**
Low frequency damping factor	**30 (8 Ω)**
Load impedance	
Front	
A or B / A and B	**4-8 Ω / 8 Ω**
Center / Surround	**8 Ω / 8 Ω**
Dynamic headroom	**2dB (8 Ω)**
Frequency response	
PHONO	**RIAA standard curve ± 0.8dB**
CD, TAPE, DVD, TV, VCR	**10Hz - 70kHz, ±3dB**
Input sensitivity	
PHONO	**0.4mV (3mV, IHF '66)**
CD, TAPE, DVD, TV, VCR	**27mV (200mV, IHF '66)**
S/N (IHF A)	
PHONO / CD, TAPE, DVD, TV, VCR	**70dB (80dB, IHF '66) / 75dB (85dB, IHF '66)**
Input impedance	
PHONO / CD, TAPE, DVD, TV, VCR	**47k Ω / 22k Ω**
Tone controls	
BASS / TREBLE	**50Hz, +10 to -10dB / 20kHz, +10 to -10dB**
Subwoofer frequency response / (-6dB)	**7-200Hz**
Digital input	
Optical	**CD, DVD, TV**

● FM TUNER SECTION

Frequency range	**87.9 - 107.9MHz**
Sensitivity	**11.2dBf (2 μ V, IHF '58)**
50 dB quieting sensitivity	
MONO	**18.3dBf (4.5 μ V, IHF '58)**
STEREO	**38.3dBf (45 μ V, IHF '58)**

Total harmonic distortion	
MONO / STEREO	**0.2% / 0.3%**
S/N	
MONO / STEREO	**73dB / 67dB**
Frequency response	**20Hz - 15kHz, +1dB, -2dB**
Alternate channel selectivity	**65dB**
Capture ratio	**1.5dB**
Image rejection at 98MHz	**40dB**
Spurious response rejection at 98MHz	**75dB**
AM suppression	**50dB**
Stereo separation	
1kHz / 10kHz	**40dB / 30dB**
Antenna terminal	**75 Ω (unbalanced)**

● **AM TUNER SECTION**

Frequency range / Sensitivity / Selectivity / IF rejection at 1000kHz	**530 - 1710kHz / 20 μ V, 330 μ V/m / 55dB / 50dB**

● **VIDEO SECTION**

Output voltage at 1V input (unbalanced)	**1±0.1Vp-p**
Maximum input voltage / Input/ output impedance	**1.5Vp-p / 75 Ω**

● **GENERAL**

Power supply / Power consumption / Dimensions (W x H x D)	**AC120V, 60Hz / 380VA, 290W / 430 x 158 x 320.5mm / (16-15/16”x6-7/32”x12-5/8”)**
Mass	**9.6kg (21.3lb.)**
Power consumption in standby / mode:	**1W**

Notes:

1. Specifications are subject to change without notice. / Mass and dimensions are approximate.

2. Total harmonic distortion is measured by the digital spectrum / analyzer.

*** 1 Manufactured under license from Dolby Laboratories Licensing / Corporation. “Dolby”, the double-D symbol and “PRO LOGIC” / are trade marks of Dolby Laboratories Licensing Corporation.**

*** 2 This product is manufactured under license from DTS, / Inc. of America.**

● **SYSTEM**

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Technics®

1. Safety Precaution

(This "Safety Precaution" is applied only in U.S.A.)

1. **Before servicing, unplug the power cord to prevent an electric shock.**
2. **When replacing parts, use only manufacturer's recommended components for safety.**
3. **Check the condition of the power cord. Replace if wear or damage is evident.**
4. **After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.**
5. **Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.**

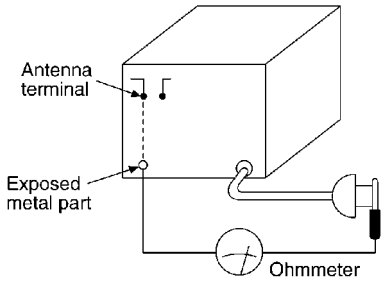
1.1. Insulation Resistance Test

1. **Unplug the power cord and short the two prongs of the plug with a jumper wire.**
2. **Turn on the power switch.**
3. **Measure the resistance value with ohmmeter between the jumper AC plug and each exposed metal cabinet part, such as screwheads, antenna, control shafts, handle brackets, etc. / Equipment with antenna terminals should read between 3M Ω and 5.2M Ω to all exposed parts*. (Fig.1) / Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig.2) / *Note : Some exposed parts may be isolated from the**

chassis by design. These will read infinity.

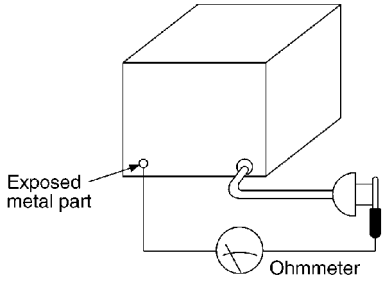
4. **If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.**

Fig.1



Resistance = 3MΩ - 5.2MΩ

Fig.2



Resistance = Approx ∞

2. Before Repair and adjustment

Disconnect AC power, discharge Power Supply Capacitors C703, C704, C705 and C706 through a 10 Ω, 5W resistor to ground. / DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices. / After repairs are completed, restore power gradually using a variac, to avoid overcurrent. / Current consumption at AC120V, 60Hz in NO SIGNAL mode should be 600-1000mA.

3. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.

- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used. / If this occurs, follow the procedure outlines below:

1. Turn off the power.

2. Determine the cause of the problem and correct it.

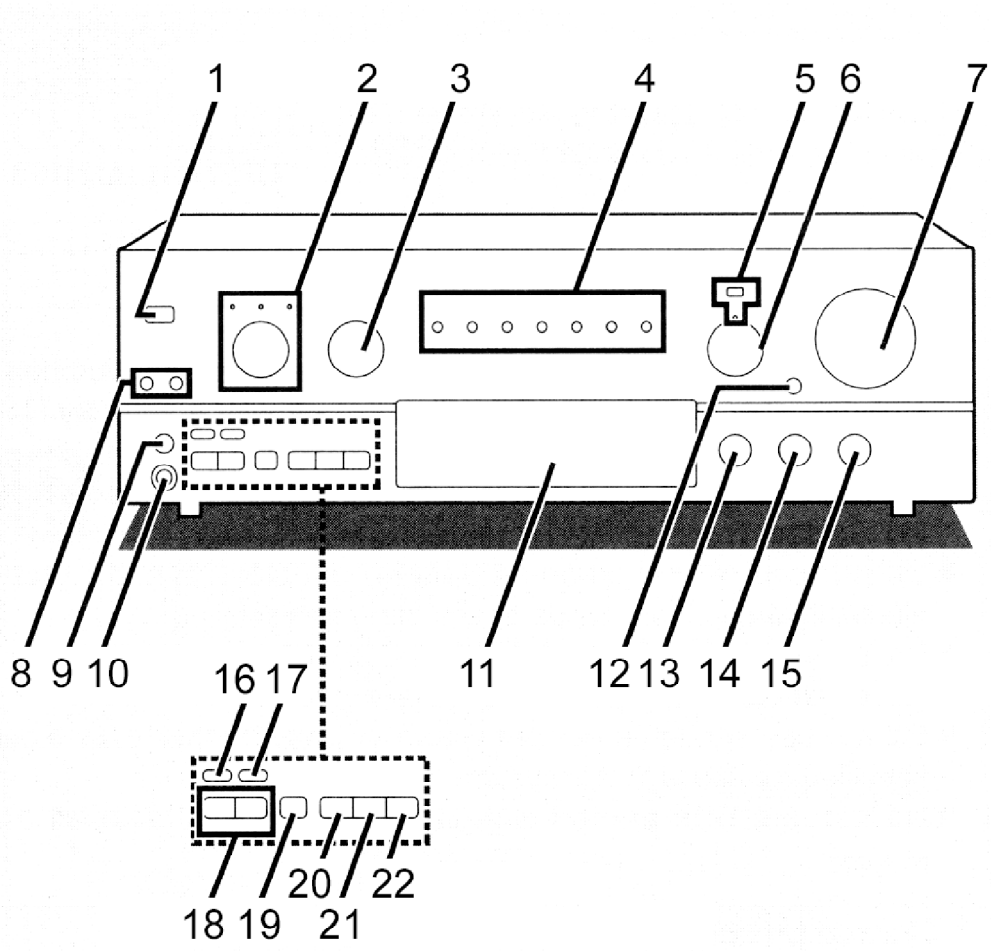
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

4. Location of Controls

4.1. Main unit



1. Power “⏻/I” switch (POWER, ⏻/I)

- Press to switch the unit from on to standby mode or vice versa.

- In standby mode, the unit is still consuming a small amount of power.

2. DSP mode selector (DPS)

3. SFC mode selector (SFC MODE)

4. Input indicators (INPUT)

5. Digital input select button / indicator (DIGITAL INPUT)

6. Input selector (INPUT SELECTOR)

7. Volume control (VOLUME)

8. Speaker select buttons (SPEAKERS A, B)

9. Help/reset button (-HELP, —RESET)

10. Headphones jack (PHONES)

11. Display section

12. Tape monitor button (TAPE MONITOR)

13. Bass control (BASS)

14. Treble control (TREBLE)

15. Balance control (BALANCE)

16. Digital signal processor on/defeat button (—DSP, ON/DEFEAT)

17. Subwoofer button (SUBWOOFER)

18. Tuning button (TUNING ∨,∧)

19. Presetting button (PRESET)

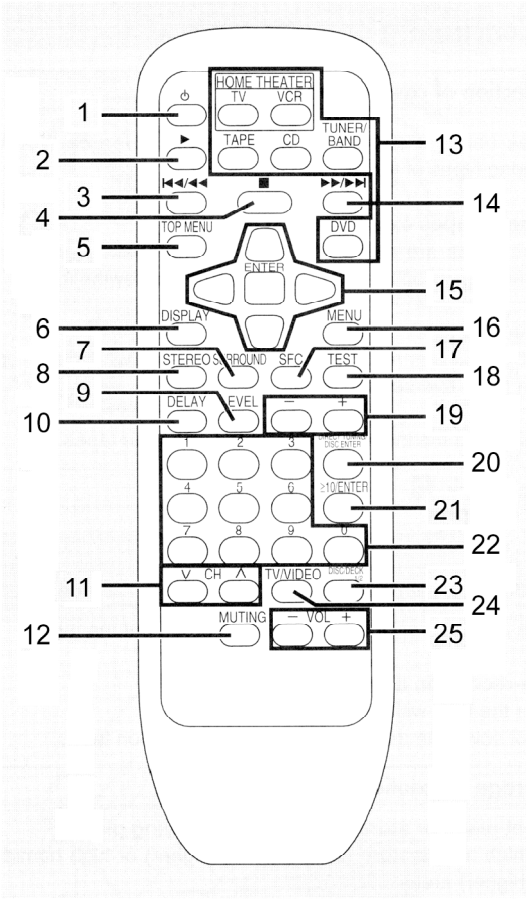
20. Band select button (BAND)

21. FM mode select button (FM MODE)

22. Memory button (MEMORY)

5. Location of Controls for Remote Control Transmitter

5.1. Remote control



1. Power button (⏻)

2. ▶ button (▶)

3. ⏮/◀◀ button (⏮/◀◀)

4. ■ button (■)

5. Top menu button (TOP MENU)

6. Display button (DISPLAY)

7. Surround mode select button (SURROUND)

8. Stereo mode select button (STEREO)

9. Speaker channel select button (LEVEL)

10. Delay time button (DELAY)

11. Channel up/down buttons (∨CH∧)

12. Muting button (MUTING)

13. Input select buttons / (TV, VCR, TAPE, CD, TUNER/BAND, DVD)

14. ▶▶/⏭ button (▶▶/⏭)

15. Cursor/enter buttons

16. Menu button (MENU)

17. SFC mode select button (SFC)

18. Test button (TEST)

19. Delay time/level adjust buttons (-, +)

20. Direct tuning/disc enter button / (DIRECT TUNING/DISC ENTER)

21. ≥10/enter button (≥10/ENTER)

22. Numbered buttons

23. Disc/deck 1/2 select button (DISC/DECK 1/2)

24. TV/video select button (TV/VIDEO)

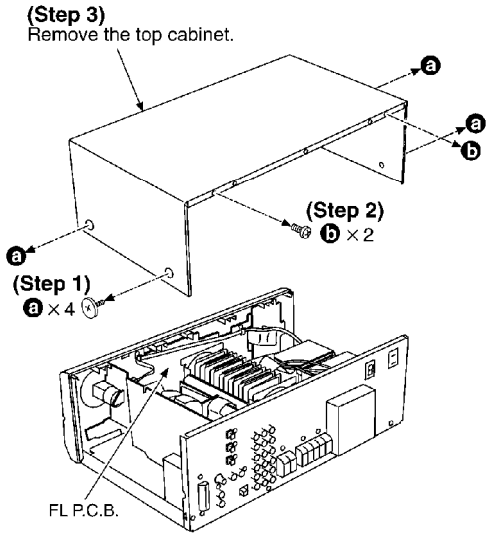
25. Volume buttons (-VOL+)

6. Operation Checks and Component Replacement Procedures

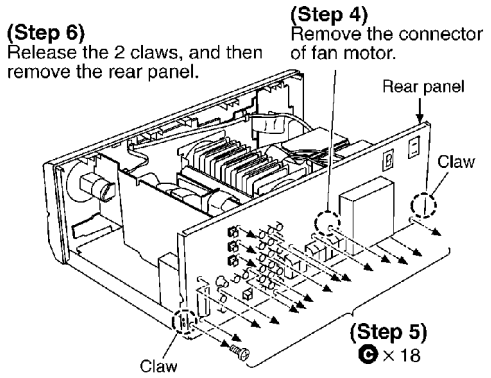
- This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.

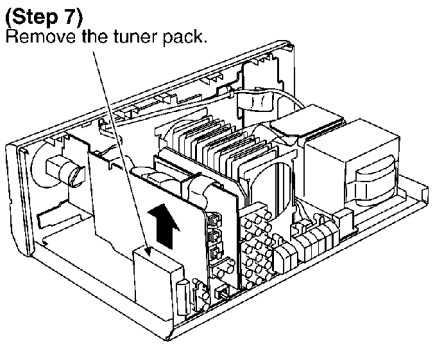
- For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

6.1. Checking for the FL P.C.B., surround P.C.B. and IN/OUT terminal P.C.B.

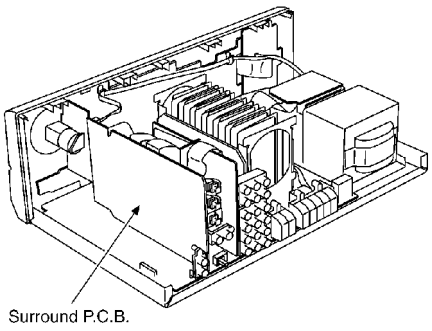


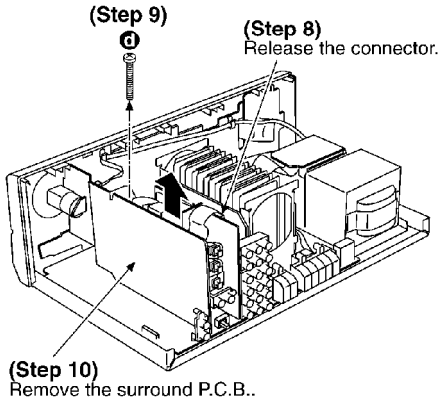
- Check the FL P.C.B. as shown above.



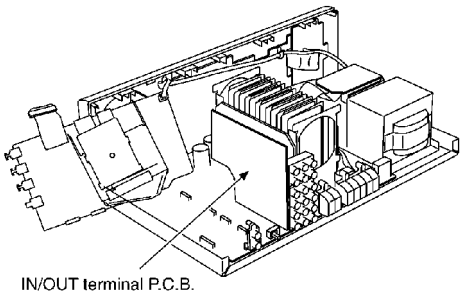


- Check the surround P.C.B. as shown below.



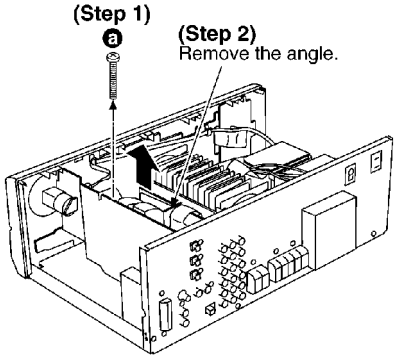


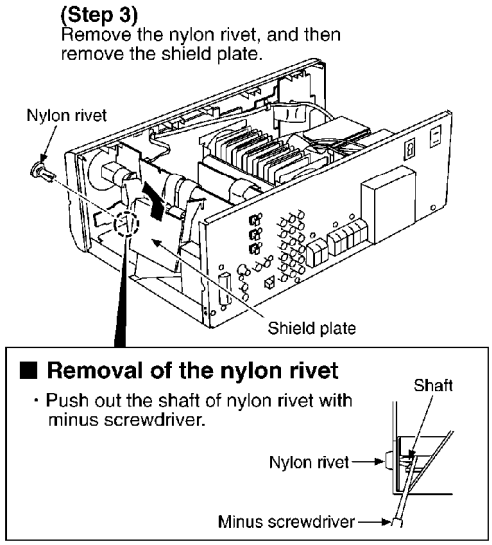
- Check the IN/OUT terminal P.C.B. as shown below.



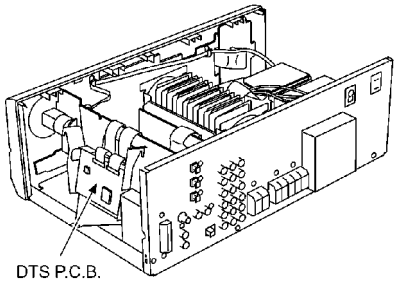
6.2. Checking for the DTS P.C.B.

- Follow the (Step 1) - (Step 3) of item 6.1.



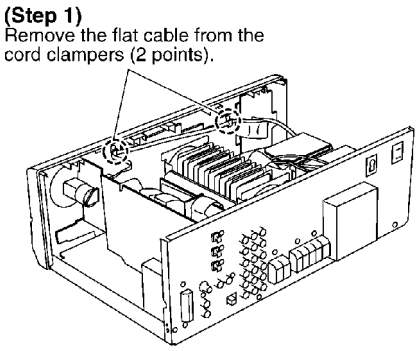

(Step 3)
Remove the nylon rivet, and then remove the shield plate.
Nylon rivet
Shield plate
■ Removal of the nylon rivet
・Push out the shaft of nylon rivet with minus screwdriver.
Shaft
Nylon rivet
Minus screwdriver

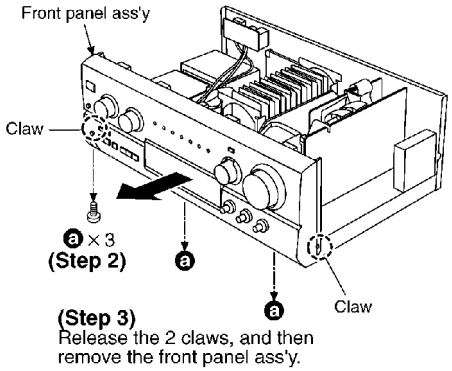
- Check the DTS P.C.B. as shown below.

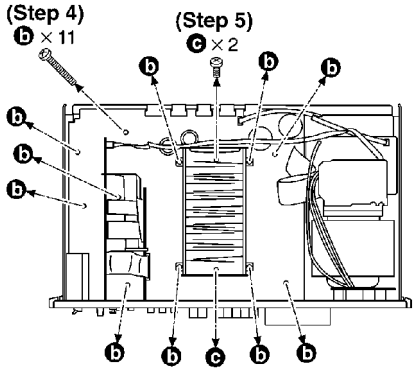


6.3. Checking for the main P.C.B.

- Follow the (Step 1) - (Step 3) of item 6.1.







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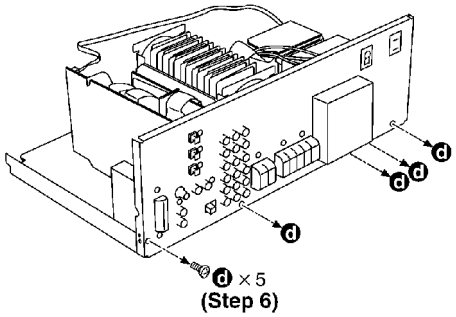

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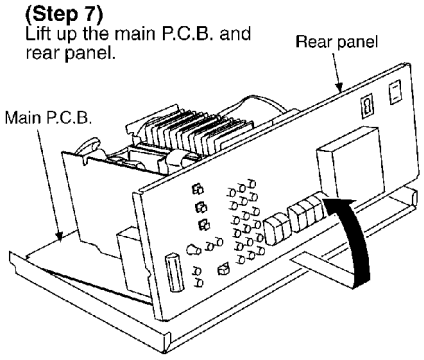
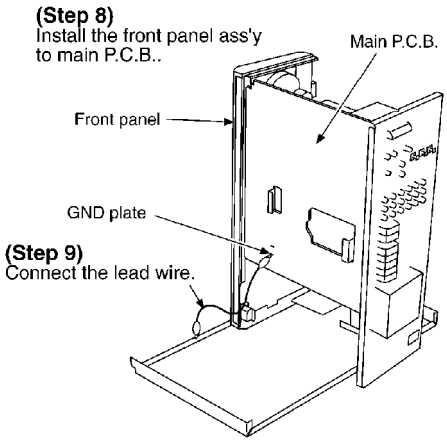


- Check the main P.C.B. as shown below.



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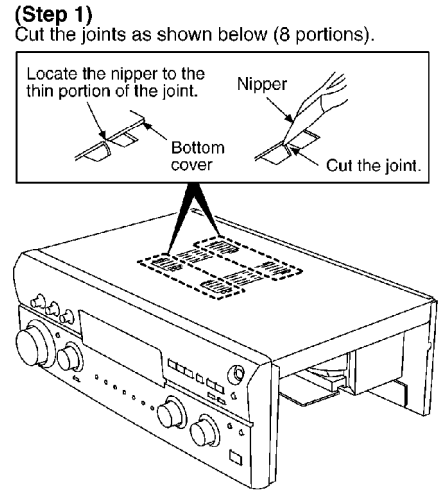
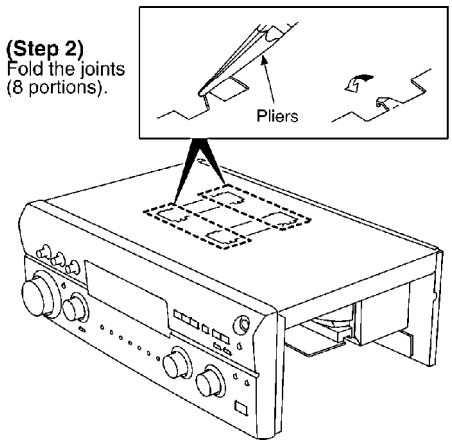
6.4. Replacement for the power IC and regulator transistor

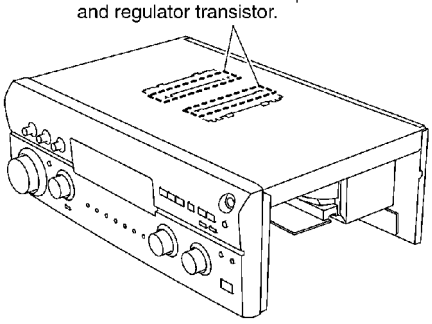
- Follow the (Step 1) - (Step 3) of item 6.1.

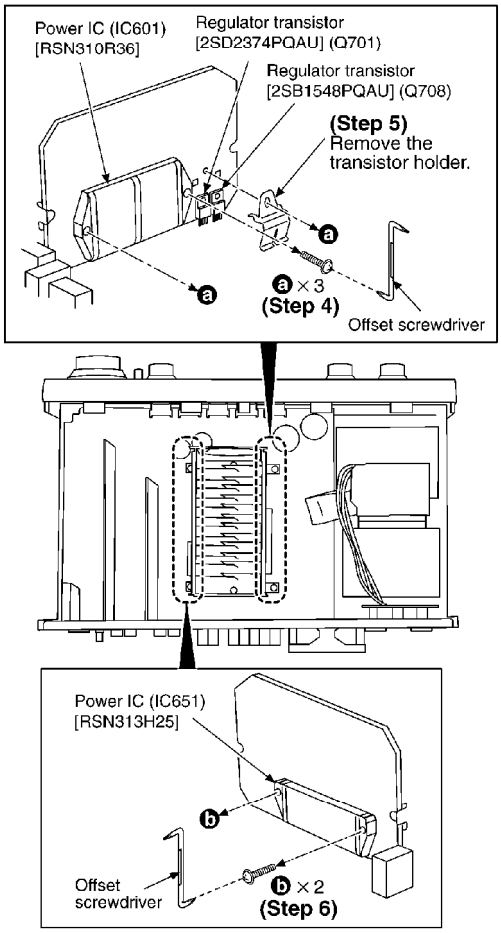




/ / / / / /

(Step 3)
Unsolder the terminals of power IC and regulator transistor.

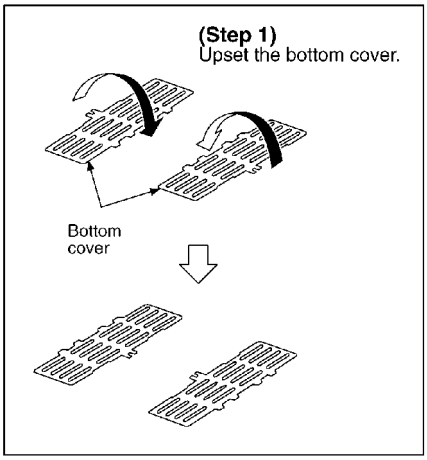


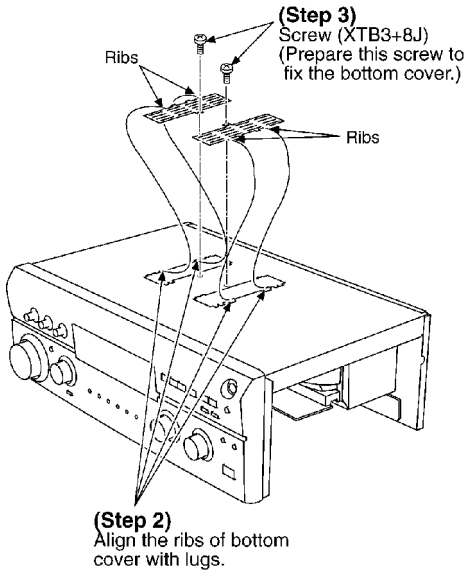


NOTE:

1. After replacing the power IC or regulator transistor, apply a sufficient quantity of compound grease (RFKX0002) between the heat sink and the power IC or regulator transistor (Radiation of power IC or regulator transistor).
2. Tighten enough the screws (ⓐ, ⓑ) after replacing the power IC and regulator transistor. Otherwise, the heat radiation works little.
3. When installing or removing the power IC or transistor holder, be sure to use an offset screwdriver.

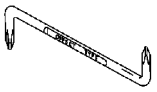
Installation of the bottom cover after replacement





— OFFSET SCREWDRIVER —

- The PROTO offset screwdriver No.34-¼ is recommended for use in the application above.



No.	⊕	← L →
34¼	1 & 2	4¾"

- The address of PROTO International Sales is as follows.

PROTO®

International Sales

International Sales Office

Stanley-Proto Industrial Tools / 14117 Industrial Park Blvd., NE Covington, GA 30014 / Phone : 770-787-3800

ARGENTINA

Stanley Latin America, Argentina / Avenida Meipu 1413 (Primar

Piso) Buenos Aires, ARGENTINA / Phone : 54-11-4718-1334

AUSTRALIA

Stanley Works Pty. Ltd. / 58 Dougharty Road P. O. Box 5027 Heidelberg West D. C. Victoria 3081, AUSTRALIA / Phone : 61-3-9459 -1144

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Stanley Works Europe / Belgicastraat 11 BE-1930 Zaventem, BELGIUM / Phone : 32-2-716-2313

BRAZIL

Ferramentas Stanley Ltda. / Rua Torre Eiffal, 141-Pq, Rincao II Cotia, Sao Paulo, CEP 06700-000, BRAZIL / Phone : 55-11-493-4777

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Stanley Distribution Center for Hardware & Tools / 1294 South Service Road West Oakville, Ontario L6J 7K2, CANADA / Phone : 905 -825-1981

CHINA

Stanley Works China / Room 1808, Scitech Tower 22 Jianguomenwai Avenue Beijing, Postal Code 100004, CHINA / Phone : 86-10-6515-9818

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Stanley France / 112, Avenue Charles de Gaulle 91423 Morangis Cedex, FRANCE / Phone : 33-1-6910-8023

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Stanley Germany Inc. / Air Tools Division Frankfurter Str, 74 64521 Gross-Gerau, GERMANY / Phone : 49-61-528-3041

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Stanley Italy/Atro / Via Parco 47 20046 Biassono (Mi), ITALY / Phone : 39-039-238-9950

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Stanley Works Japan / 110 Sanmai-Cho Kanagawa-Ku Yokohama 221-0862, Japan / Phone : 81-45-413-3030

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Stanley Works, Korea / Room #301, Gujin Building 1485-2, Seocho-Dong Seocho-Ku, Seoul 137-070, KOREA / Phone : 82-2-583-0805

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Herramientas Stanley S.A. de C.v. / Km, 124 Autopista Mexico-

Puebla 72030 Puebla, Pue, MEXICO / Phone : 52-22-242-424

NEW ZEALAND

Stanley Tools (N.Z.) Ltd. / 262 Church Street Onahunga, Auckland, NEW ZEALAND / Phone : 64-9-634-2102

POLAND

Stanley Poland / Ul. Wloska 2 00-777 Warsaw, POLAND / Phone : 48-22-841-9758

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Stanley Works Asia Pacific Ptd. Ltd. / No.25 Senoko South Road Woodland East Industrial Estate Singapore, 758081, SINGAPORE / Phone : 65-752-2001

SWEDEN

Stanley Svenka AB / Box 9054, Datavagen 51 SE 400 92 Gotenborg, SWEDEN / Phone : 46-31-28-9775

TAIWAN

Stanley Chiro International / 121 Yung Ho Road Ta Ya Hsing Taichung Hsien, TAIWAN / Phone : 886-45-663-211

THAILAND

Stanley Works Ltd. / Wellgrow Industrial Estate, 103, Moo 5, Bangna-Trad / Highway, Tammbol Bang Amphur Bangpakong / Chachoengsao 24130, THAILAND / Phone : 66-38-570-185

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The Stanley Works / One Squirrels Drey Edgcombe Park Crowthorne, Berkshire RG45 68A, ENGLAND / Phone : 44-134-475-2110

UNITED STATES

- **Arizona / Mail Media/Jensen Tools, Inc. / 7815 South 46th Street Phoenix. AZ 85044 / Phone : 602-968-6241**
- **Florida / Stanley Works Latin America / 8240 N.W. 52th Terrace, Suite 505 Miami, FL 33166 / Phone : 305-406-1214**
- **Michigan / Stanley Beta Tach / 16005 Sturgeon Roseville, MI 48066 / Phone : 810-498-5644**
- **North Carolina / The Stanley Works / Doors Product Group 7300 Reames Road Charlotte, NC 28216 / Phone : 704-599-0235**
- **Texas / Stanley Mechanics Tools / 12827 Valley Branch Lane Dallas, TX 75234 / Phone : 972-247-1367**

7. Type Illustration of ICs, Transistors and Diodes

8. Schematic Diagram

8.1. Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

Notes:

- S451 : TAPE, EQ switch (TAPE EQ)
- S950 : Power switch (POWER)
- S951 : Speaker select switch (SPEAKERS A)
- S953 : Subwoofer switch (SUBWOOFER)
- S954 : Digital signal processor on/defeat select switch / (-DSP ON/ DEFEAT)
- S955 : Tuning decrease switch (TUNING ∨)
- S956 : Tuning increase switch (TUNING ∧)
- S957 : Tuning mode preset switch (PRESET)
- S958 : Digital input select switch (DIGITAL INPUT)
- S960 : Tape monitor switch (TAPE MONITOR)
- S964 : Memory switch (MEMORY)
- S965 : Band select switch (BAND)
- S966 : FM mode select switch (FM MODE)
- S967 : Speaker select switch (SPEAKERS B)
- S969 : Help/reset switch (-HELP, —RESET)
- VR501 : Volume control VR (VOLUME)
- VR502 : Balance control VR (BALANCE)
- VR511 : Bass control VR (BASS)
- VR512 : Treble control VR (TREBLE)
- VR901 : Input select switch (INPUT SELECTOR)
- VR902 : DSP mode select switch (DSP)
- VR903 : SFC mode select switch (SFC MODE)
/
- Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester. / No mark : Power ON

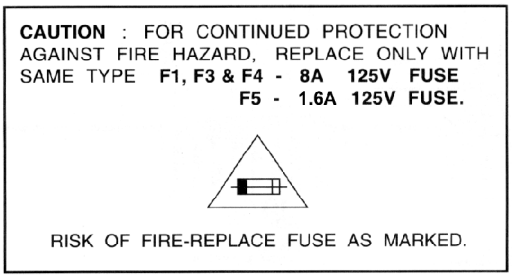
/

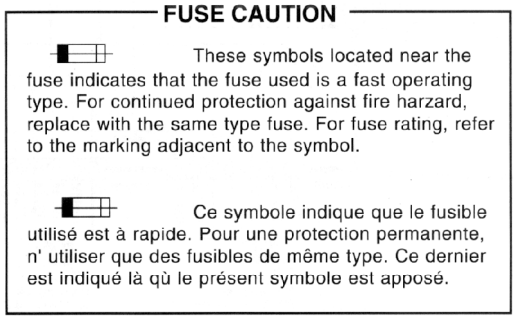
- Important safety notice : / Components identified by ⚠ mark have special characteristics important for safety. / Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. / When replacing any of components, be sure to use only manufacturers specified parts shown in the parts list.

/ / / / / / / / / / / /

- Caution! / IC and LSI are sensitive to static electricity . / Secondary trouble can be prevented by taking care during repair. / Cover the parts boxes made of plastics with aluminum foil. / Ground the soldering iron. / Put a conductive mat on the work table. / Do not touch the legs of IC or LSI with the fingers directly.

/


CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1, F3 & F4 - 8A 125V FUSE
F5 - 1.6A 125V FUSE.
RISK OF FIRE-REPLACE FUSE AS MARKED.


FUSE CAUTION
These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire harzard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.
Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n' utiliser que des fusibles de même type. Ce dernier est indiqué là qù le présent symbole est apposé.

- Voltage and signal line / ⟶ : Positive voltage line / ⟵ : Negative voltage line / ⇨ : FM signal line / ➡ : AM signal line / ⇨ : FM OSC signal line / ➡ : AM OSC signal line / ⇨ : FM/AM signal line / ➡ : Sub woofer signal line / ⇨ : Surround SP signal line / ⇨ : Center SP signal line

8.2. Schematic Diagram

9. Printed Circuit Board Diagram

10. Block Diagram

11. Wiring Connection Diagram

12. Terminal Functions of ICs

12.1. IC901 (M38B57M6141F) System Microprocessor

Pin / No.	Mark	I/O / Division	Function
1-2	KEY2-KEY1	I	Key input 1-2
3	THERM/ OVLD	I	Thermal/Over load input
4	KEY4	I	Key input 4
5	OVERLOAD2	I	Over load input 2
6	FMST	I	Stereo signal detect terminal
7	WAKW	-	Wake up timer LED / (Not used, open)
8	RDS DI	-	Control of RDS IC / (Not used, open)
9	REMOTE	I	Remote control terminal
10	RESET	I	Reset detect terminal
11	RDS CK	-	Control of RDS IC (CK) clock / signal (Not used, open)
12	RDS DT	-	Control of RDS IC (DT) data signal / (Not used, open)
13	GND	-	GND terminal
14	XIN	I	Crystal oscillator terminal (4 MHz)
15	XOUT	O	Crystal oscillator terminal (4 MHz)
16	VDD (+5V)	-	Power supply terminal + 5V
17	LED CK	O	LED driver IC (CK) clock signal
18	LED DATA	O	LED driver IC (DT) data signal
19	SFC1	I	SFC mode encoder input 1
20	SFC2	I	SFC mode encoder input 2

Pin / No.	Mark	I/O / Division	Function
21	SEL1	I	Selector encoder for input 1
22	HOLD	I	Blackout detection terminal
23	SEL2	I	Selector encoder for input 2
24	D.PASS	O	DSP signal selector
25	RLY	O	Relay control output
26	LOUDNESS	O	Loudness control output / (Not used, open)
27	-	-	Not used.
28	VEE	-	Power supply for FL driver
29	S/C SP	O	Surround/Center speaker / control output
30	SP B	O	Speaker B control output
31	SP A	O	Speaker A control output
32	AF MUTE	O	Muting control output
33-48	SEG16-SEG1	O	FL segment signal output
49-58	DEG1-DEG10	O	FL digit signal output
59	INIT IN	I	Diode input initial settings
60	VOL DOWN	O	Volume control output (Down)
61	VOL UP	O	Volume control output (Up)
62	-	-	Not used.
63	IF DATA	I	Serial data signal
64	LIMITTER	O	Power limitter control output
65	T CE	O	Tuner control (CE) chip enable / signal
66	T CK	O	Selector/Tuner (CK) clock signal
67	T DT	O	Selector/Tuner (DT) data signel
68	SUR1	I	Encoder of surround mode / selector input1
69	SUR2	I	Encoder of surround mode / selector input1
70	COM CK	O	Common clock signal

Pin / No.	Mark	I/O / Division	Function
71	COM DO	O	Common digital output signal
72	COM DI	I	Common digital input signal
73	AVSS	-	GND for A-D converter
74	VREF	-	Reference voltage for A-D / converter
75	SD	I	SD signal detect input
76	COM REQS	O	Common serial request output
77	HELP LED/ / RDS CE	O	Help LED control output / (Not used, open)
78	COM REQM	O	Common mechanical request / output
79	VIDEO B	O	Video selector control output B
80	VIDEO A	O	Video selector control output A

13. Replacement Parts List

Notes:

- **Important safety notice : / Component identified ⚠ mark have special characteristics important safety. / Furthermore, special parts which have purposes of fire-retardant (resistors), hight-quality sound (capacitors), low-noise (resistors), etc. are used. / When replacing any of components, be sure to use only manufactures specified parts shown in the parts list.**
- **The <ODSD> mark in Remarks indicates source of supply.**
- **The marking (RTL) indicates thet Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of item. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will on longer be available.**
- **[M] indicates in the remarks columns indicates parts supplied by MESA.**

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
		CABINET AND CHASSIS		
1	RKM0375-K	TOP CABINET	1	[M]
2	RGR0284H-A	REAR PANEL	1	[M]
3	RGW0278-K	VOLUME KNOB	1	[M]
4	SKL293	LEG CUSHION	4	[M]
5	RKQ0089-J	PCB HOLDER	13	[M]
6	RMK0350-3	BOTTOM CHASSIS	1	[M]
7	RMN0372A	FL HOLDER	1	[M]
8	SJS9233A	AC OUTLET COVER	1	[M]
9	SJS9234A	AC INLET COVER	1	[M]
10	RXX0194A	HEAT SINK UNIT	1	[M]
11	REM0080B	FAN UNIT	1	[M]
12	RGK0992-N	LIGHT GUIDE RING	1	[M]
13	RGK0993-N	VOLUME RING	1	[M]
14	RGK0994-N	SELECTOR RING	1	[M]
15	RGK0995-N	PRO LOGIC RING	2	[M]
16	RGL0401-Q	LIGHT GUIDE	1	[M]
17	RGL0402-Q	P/L LIGHT GUIDE	1	[M]
18	RGL0403-Q	6CH LIGHT GUIDE	1	[M]
19	RGQ0231-K	FAN COVER	1	[M]
20	RGU1616-K	HELP BUTTON	1	[M]
21	RGU1617-K	MODE BUTTON	1	[M]
22	RGW0279-K	TONE KNOB	3	[M]
23	RGW0280-K	SELECTOR KNOB	3	[M]
24	RHD26016	SCREW (PHONE JACK)	1	[M]
25	RHN90001	M9 NUT	4	[M]
26	RMC0158-S	TRANSISTOR HOLDER	1	[M]
28	RGP0647W-K	FRONT PANEL	1	[M]
29	SNE2123	EARTHTERMINAL	1	[M]
30	SNE2129-1	SCREW (CABINET)	4	[M]
31	SNE4021-1	M8 NUT	1	[M]
32	XTB3+20JFZ	SCREW	13	[M]
33	XTB3+35JFZ	SCREW (FAN)	2	[M]
34	XTB3+8FFZ	SCREW	4	[M]
35	XTB3+8JFZ	SCREW	21	[M]
36	XTBS26+10J	SCREW	13	[M]
37	XTBS3+8JFZ1	SCREW	2	[M]
38	XTW3+15T	SCREW	5	[M]
39	RMV0158	SEL LED COVER	1	[M]
40	RMV0159	P-L LED COVER	1	[M]
48	SMY944	HEAT SINK	2	[M]
49	XYN26+C6	SCREW	2	[M]
50	SHRD163	CORD HOLDER	2	[M]
51	SHR9112	PLASTIC RIVET	2	[M]
52	RSC0528	SHIELD CASE	1	[M]
53	RSC0529	SHIELD PLATE	1	[M]
54	RMA1232	PCB ANGLE	1	[M]
55	REE0785A	FFC WIRE	1	[M]
56	REE0786A	FFC WIRE	1	[M]
57	RGB0031-A	TECHNICS BADGE	1	[M]
58	RAN0001MM	TUNER MODULE (Z120)	1	[M]
59	RKW0533-Q2	FL WINDOW	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
61	XYN3+F8	SCREW	1	[M]
		INTEGRATED CIRCUITS		
IC351	NJM2279D	IC VIDEO SELECTOR	1	[M]
IC401	TC9163AN	IC SELECTOR	1	[M]
IC402	NJM4580DD	IC OP AMP	1	[M]
IC404	TC9162AN	IC SELECTOR	1	[M]
IC405	M62490FPE1	IC 2CH VOLUME	1	[M]
IC406	M62490FPE1	IC 2CH VOLUME	1	[M]
IC407	NJM4580DD	IC OP AMP	1	[M]
IC451	AN6558F	IC OP AMP	1	[M]
IC501	BA6218	IC MOTOR DRIVER	1	[M]
IC511	NJM4580DD	IC OP AMP	1	[M]
IC551	TC9214AP	IC SELECTOR	1	[M]
IC601	RSN310R36-P	IC HIC	1	[M] ⚠
IC602	NJM2060D	IC OP AMP	1	[M]
IC651	RSN313H25-P	IC HIC	1	[M] ⚠
IC652	NJM4580DD	IC OP AMP	1	[M]
IC901	M38B57M6141F	IC MICOM	1	[M]
IC903	BU2090A	IC EXPENDER	1	[M]
IC1001	CS49326-CLR	IC AC-3/DTS DECODER	1	[M]
IC1002	CS4226-KQG	IC DIR/DAC/VOL	1	[M]
IC1003	SN74LV244APW	IC LOGIC	1	[M]
IC1004	SN7AHCT244PW	IC LOGIC	1	[M]
IC1005	SN74HCU04APW	IC LOGIC	1	[M]
IC1006	SNAHC1U04DBV	IC SINGLE INVERTER	1	[M]
IC1201	NJM2060D	IC OP AMP	1	[M]
IC1202	NJM4580DD	IC OP AMP	1	[M]
IC1203	NJM4580DD	IC OP AMP	1	[M]
IC1204	NJM2060D	IC OP AMP	1	[M]
IC1205	NJM4580DD	IC OP AMP	1	[M]
IC1206	NJM2115D	IC OP AMP	1	[M]
IC1207	NJM2115D	IC OP AMP	1	[M]
IC1208	M62490FPE1	IC 2CH VOLUME	1	[M]
IC1701	PQ30RV11	IC 2.5V REGULATOR	1	[M] ⚠
IC1901	M38B57MCA232	IC MICOM	1	[M]
		TRANSISTORS		
Q351	2SD592AQSTA	TRANSISTOR	1	[M] ⚠
Q352	2SB621AQSTA	TRANSISTOR	1	[M] ⚠
Q505	2SD1915FTA	TRANSISTOR	1	[M]
Q506	2SD1915FTA	TRANSISTOR	1	[M]
Q551	2SD1915FTA	TRANSISTOR	1	[M]
Q552	2SD1915FTA	TRANSISTOR	1	[M]
Q553	2SD1915FTA	TRANSISTOR	1	[M]
Q554	2SD1915FTA	TRANSISTOR	1	[M]
Q601	RVTDTA143XST	TRANSISTOR	1	[M]
Q602	RVTDTA143XST	TRANSISTOR	1	[M]
Q603	RVTDTA143XST	TRANSISTOR	1	[M]
Q604	RVTDTA114EST	TRANSISTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
Q605	RVTDTA114EST	TRANSISTOR	1	[M]
Q651	RVTDTA143XST	TRANSISTOR	1	[M]
Q652	RVTDTA143XST	TRANSISTOR	1	[M]
Q701	2SD2374PQAU	TRANSISTOR	1	[M] ⚠
Q703	2SC1740SSTA	TRANSISTOR	1	[M] ⚠
Q704	2SC1740SSTA	TRANSISTOR	1	[M] ⚠
Q706	2SC3940AQSTA	TRANSISTOR	1	[M] ⚠
Q707	2SA1534AQRTA	TRANSISTOR	1	[M] ⚠
Q708	2SB1548PQAU	TRANSISTOR	1	[M] ⚠
Q723	RVTDTA114YST	TRANSISTOR	1	[M]
Q724	RVTDTC114YST	TRANSISTOR	1	[M]
Q725	RVTDTC114YST	TRANSISTOR	1	[M]
Q751	RVTDTC143ZST	TRANSISTOR	1	[M]
Q752	2SC3940AQSTA	TRANSISTOR	1	[M] ⚠
Q753	2SK2880CTA	TRANSISTOR	1	[M]
Q772	2SC1740SSTA	TRANSISTOR	1	[M]
Q773	2SB621AQSTA	TRANSISTOR	1	[M]
Q774	RVTDTA113ZST	TRANSISTOR	1	[M]
Q775	RVTDTA114EST	TRANSISTOR	1	[M]
Q776	2SC1740SSTA	TRANSISTOR	1	[M]
Q777	2SA933SSTA	TRANSISTOR	1	[M]
Q778	2SA933SSTA	TRANSISTOR	1	[M]
Q780	2SA933SSTA	TRANSISTOR	1	[M]
Q781	2SC1740SSTA	TRANSISTOR	1	[M]
Q901	RVTDTC114YST	TRANSISTOR	1	[M]
Q902	2SA933SSTA	TRANSISTOR	1	[M]
Q1001	DTA114YETL	TRANSISTOR	1	[M]
Q1201	2SD2137PQTA	TRANSISTOR	1	[M] ⚠
Q1681	2SD1915FTA	TRANSISTOR	1	[M]
Q1682	2SD1915FTA	TRANSISTOR	1	[M]
Q1701	2SD2137PQTA	TRANSISTOR	1	[M] ⚠
Q1702	2SD2374PQAU	TRANSISTOR	1	[M] ⚠
Q1703	2SC1740SSTA	TRANSISTOR	1	[M] ⚠
Q1901	RVTDTC114YST	TRANSISTOR	1	[M]
Q1902	2SA933SSTA	TRANSISTOR	1	[M]
		DIODES		
D351	MTZJ5R6BTA	DIODE	1	[M] ⚠
D352	MTZJ5R6BTA	DIODE	1	[M] ⚠
D353	RVD1SS133TA	DIODE	1	[M]
D354	RVD1SS133TA	DIODE	1	[M]
D401	MTZJ7R5CTA	DIODE	1	[M] ⚠
D601	RK306LFU1	DIODE	1	[M]
D602	RK306LFU1	DIODE	1	[M]
D605	RVD1SS133TA	DIODE	1	[M]
D611	RVD1SS133TA	DIODE	1	[M]
D612	RVD1SS133TA	DIODE	1	[M]
D613	RVD1SS133TA	DIODE	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D614	RVD1SS133TA	DIODE	1	[M]
D617	RVD1SS133TA	DIODE	1	[M]
D618	MTZJ18CTA	DIODE	1	[M]
D651	RK306LFU1	DIODE	1	[M]
D652	RK306LFU1	DIODE	1	[M]
D655	RVD1SS133TA	DIODE	1	[M]
D701	1N5402BM21	DIODE	1	[M] ⚠
D702	1N5402BM21	DIODE	1	[M] ⚠
D703	1N5402BM21	DIODE	1	[M] ⚠
D704	1N5402BM21	DIODE	1	[M] ⚠
D705	MTZJ6R2BTA	DIODE	1	[M] ⚠
D707	MTZJ27DTA	DIODE	1	[M] ⚠
D708	MTZJ16CTA	DIODE	1	[M] ⚠
D721	1N5402BM21	DIODE	1	[M] ⚠
D722	1N5402BM21	DIODE	1	[M] ⚠
D723	1N5402BM21	DIODE	1	[M] ⚠
D724	1N5402BM21	DIODE	1	[M] ⚠
D725	1N5402BM21	DIODE	1	[M] ⚠
D726	1N5402BM21	DIODE	1	[M] ⚠
D727	1N5402BM21	DIODE	1	[M] ⚠
D728	1N5402BM21	DIODE	1	[M] ⚠
D731	RVD1SS133TA	DIODE	1	[M]
D732	RVD1SS133TA	DIODE	1	[M]
D741	1SR35400V	DIODE	1	[M] ⚠
D742	1SR35400V	DIODE	1	[M] ⚠
D743	1SR35400V	DIODE	1	[M] ⚠
D744	1SR35400V	DIODE	1	[M] ⚠
D751	1SR35400V	DIODE	1	[M] ⚠
D752	1SR35400V	DIODE	1	[M] ⚠
D753	1SR35400V	DIODE	1	[M] ⚠
D754	1SR35400V	DIODE	1	[M]
D755	RVD1SS133TA	DIODE	1	[M]
D756	MTZJ6R8BTA	DIODE	1	[M] ⚠
D768	MTZJ3R3ATA	DIODE	1	[M]
D769	RVD1SS133TA	DIODE	1	[M]
D770	RVD1SS133TA	DIODE	1	[M]
D771	RB721Q40T77	DIODE	1	[M]
D772	RB721Q40T77	DIODE	1	[M]
D773	MTZJ8R2CTA	DIODE	1	[M]
D774	RB721Q40T77	DIODE	1	[M]
D901	1SS291TA	DIODE	1	[M]
D903	MTZJ4R7BTA	DIODE	1	[M] ⚠
D910	RVD1SS133TA	DIODE	1	[M]
D912	RVD1SS133TA	DIODE	1	[M]
D921	RVD1SS133TA	DIODE	1	[M]
D923	RVD1SS133TA	DIODE	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
D924	MTZJ3R9ATA	DIODE	1	[M]
D931	SLR325VCT31	DIODE	1	[M]
D932	SLR325VCT31	DIODE	1	[M]
D933	SLR325VCT31	DIODE	1	[M]
D934	SLR325VCT31	DIODE	1	[M]
D935	SLR325VCT31	DIODE	1	[M]
D936	SLR325VCT31	DIODE	1	[M]
D937	SLR325VCT31	DIODE	1	[M]
D939	SLR325VCT31	DIODE	1	[M]
D940	SLR325VCT31	DIODE	1	[M]
D941	SLR325VCT31	DIODE	1	[M]
D942	SLR325MCT31	DIODE	1	[M]
D1281	MTZJ10BTA	DIODE	1	[M] ⚠
D1705	MTZJ6R2CTA	DIODE	1	[M] ⚠
D1706	RVD1SS133TA	DIODE	1	[M]
D1901	MTZJ3R9ATA	DIODE	1	[M]
D1902	RVD1SS133TA	DIODE	1	[M]
D1903	RVD1SS133TA	DIODE	1	[M]
D1905	RVD1SS133TA	DIODE	1	[M]
		VARIABLE RESISTORS		
VR501	EUWMRL026993	VR VOLUME	1	[M]
VR502	EWC0YAF20G15	VR BALANCE CONTROL	1	[M]
VR511	EWC1XA020C15	VR TONE CONTROL	1	[M]
VR512	EWC1XA020C15	VR TONE CONTROL	1	[M]
VR901	EVQVBHFK112B	VR BALANCE CONTROL	1	[M]
VR902	EVQVBHFK112B	VR BALANCE CONTROL	1	[M]
VR903	EVQVBHFK112B	VR BALANCE CONTROL	1	[M]
		SWITCHES		
S451	RSS2B039-H	GE SWITCH	1	[M]
S950	EVQ21405R	SW POWER	1	[M]
S951	EVQ21405R	SW SPEAKER A	1	[M]
S953	EVQ21405R	SW SUB.WOOFER	1	[M]
S954	EVQ21405R	SW DISPLAY	1	[M]
S955	EVQ21405R	SW DOWN	1	[M]
S956	EVQ21405R	SW UP	1	[M]
S957	EVQ21405R	SW TAPE MODE	1	[M]
S958	EVQ21405R	SW DIGITAL	1	[M]
S960	EVQ21405R	SW TAPE MONITOR	1	[M]
S964	EVQ21405R	SW MEMORY	1	[M]
S965	EVQ21405R	SW BAND	1	[M]
S966	EVQ21405R	SW MODE	1	[M]
S967	EVQ21405R	SW SPEAKER B	1	[M]
S969	EVQ21405R	SW HELP	1	[M]
		CONNECTORS		
CN401	RJU100W07	7P CONNECTOR	1	[M]
CN402	RJU100W07	7P CONNECTOR	1	[M]
CN403	RJU100W07	7P CONNECTOR	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
CN451	RJS1A6603T1	3P TAPING CONNECTOR	1	[M]
CN501	RJU100W04	4P CONNECTOR	1	[M]
CN702	RJS1A6603T1	3P TAPING CONNECTOR	1	[M]
CN751	SJS305-1	3P CONNECTOR	1	[M]
CN752	RJS1A6603T1	3P TAPING CONNECTOR	1	[M]
CN901	RJU003K010M1	10P B/B CONNECTOR	1	[M]
CN902	RJU003K010M1	10P B/B CONNECTOR	1	[M]
CN903	RJU003K008M1	BOAD IN CONNECTOR	1	[M]
CN904	RJU003K008M1	BOAD IN CONNECTOR	1	[M]
CN905	RJU003K008M1	BOAD IN CONNECTOR	1	[M]
CN1001	RJS2A4816T	CONNECTOR	1	[M]
CN1001B	RJS2A4216-F	16P CONNECTOR	1	[M]
CN1002	RJS2A4820T	CONNECTOR	1	[M]
CN1002B	RJS2A4220-F	20 PIN CONNECTOR	1	[M]
CN1201	RJU100W07	7P CONNECTOR	1	[M]
CN1202	RJU100W07	7P CONNECTOR	1	[M]
CN1203	RJU100W07	7P CONNECTOR	1	[M]
CN1204	RJU100W07	7P CONNECTOR	1	[M]
CN1205	RJT029W012-1	12P CONNECTOR	1	[M]
CP101	RJT100W11	11P CONNECTOR	1	[M]
CP401	RJT100W07	7P CONNECTOR	1	[M]
CP402	RJT100W07	7P CONNECTOR	1	[M]
CP403	RJT100W07	7P CONNECTOR	1	[M]
CP501	RJT100W04	4P CONNECTOR	1	[M]
CP771	SJT3213	CONNECTOR (FAN)	1	[M]
CP901	RJT003K010M1	10P CONNECTOR	1	[M]
CP902	RJT003K010M1	10P CONNECTOR	1	[M]
CP903	RJT003K008M1	8P CONNECTOR	1	[M]
CP904	RJT003K008M1	8P CONNECTOR	1	[M]
CP905	RJT003K008M1	8P CONNECTOR	1	[M]
CP1201	RJT100W07	7P CONNECTOR	1	[M]
CP1202	RJT100W07	7P CONNECTOR	1	[M]
CP1203	RJT100W07	7P CONNECTOR	1	[M]
CP1204	RJT100W07	7P CONNECTOR	1	[M]
		COILS & TRANSFORMERS		
L501	RLQZP1R0KT-Y	AXIAL COIL	1	[M]
L502	RLQZP1R0KT-Y	AXIAL COIL	1	[M]
L602	RLQYR73MW-E	CHOKE COIL	1	[M]
L603	RLQYR73MW-E	CHOKE COIL	1	[M]
L604	RLQYR73MW-E	CHOKE COIL	1	[M]
L651	RLQYR73MW-E	CHOKE COIL	1	[M]
L652	RLQYR73MW-E	CHOKE COIL	1	[M]
L701	RLQT801M-W	CHOKE COIL	1	[M] ⚠
L751	RLQB101KTA-Y	CHOKE COIL	1	[M]
L901	RLQB101KTA-Y	CHOKE COIL	1	[M]
L1001	RLQM2R2KT2-W	CHIP INDUCTOR	1	[M]
L1002	RLQM2R2KT2-W	CHIP INDUCTOR	1	[M]
L1003	RLQM2R2KT2-W	CHIP INDUCTOR	1	[M]
L1004	RLQM2R2KT2-W	CHIP INDUCTOR	1	[M]
L1303	RLQZP1R0KT-Y	AXIAL COIL	1	[M]
L1901	RLQB101KTA-Y	CHOKE COIL	1	[M]

[illegible]	[illegible]	[illegible]	[illegible]	[...]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
T701	RTP1Q5C016-V	POWER TRANSFORMER	1	[M] ⚠
T751	RTP1H5C005	STANDBY TRANSFORMER	1	[M] ⚠
		COMPONENT COMBINATIO		
Z751	ERZV10V511CS	ZENER	1	[M] ⚠
Z891	RCDRPM6937H4	REMOTE SENSOR	1	[M]
Z1301	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1302	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1303	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1304	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1305	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1306	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1307	BL02RN2R62T4	EMI BEAD CORE	1	[M]
Z1308	BL02RN2R62T4	EMI BEAD CORE	1	[M]
		CERAMIC FILTERS		
CF901	RVBCST4R00MT	CERAMIC OSCILLATOR	1	[M]
CF1901	RVBCST4R00MT	CERAMIC OSCILLATOR	1	[M]
		RELAY		
RL601	RSY0013M-0	RELAY	1	[M] ⚠
RL602	RSY0013M-0	RELAY	1	[M] ⚠
RL603	RSY0013M-0	RELAY	1	[M] ⚠
RL604	RSY0013M-0	RELAY	1	[M] ⚠
RL751	RSY0054-C	RELAY	1	[M] ⚠
		OSCILLATORS		
X1001	RSXB12M2S01T	CYRSTAL	1	[M]
		DISPLAY TUBE		
FL901	RSL0279-F	FL DISPLAY	1	[M]
		FUSES		
F1	XBA1C80NBAL	FUSE	1	[M] ⚠
F3	XBA1C80NBAL	FUSE	1	[M] ⚠
F4	XBA1C80NBAL	FUSE	1	[M] ⚠
F5	XBA1C16NBAU	FUSE	1	[M] ⚠
		FUSE HOLDERS		
FC701	EYF52BC	FUSE HOLDER	1	[M]
FC702	EYF52BC	FUSE HOLDER	1	[M]
FC705	EYF52BC	FUSE HOLDER	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
FC706	EYF52BC	FUSE HOLDER	1	[M]
FC707	EYF52BC	FUSE HOLDER	1	[M]
FC708	EYF52BC	FUSE HOLDER	1	[M]
FC709	EYF52BC	FUSE HOLDER	1	[M]
FC710	EYF52BC	FUSE HOLDER	1	[M]
		JACKS		
HP601	RJJ63TA01	HP JACK	1	[M]
		JACKS		
JK351	RJH3601	JK 6P RCA	1	[M]
JK401	SJF3068-7N	JK RCA TERMINAL	1	[M]
JK402	RJH3001	JK 12P RCA	1	[M]
JK403	SJF3068-7N	JK RCA TERMINAL	1	[M]
JK601	RJH5601	JK SPEAKER TERMINAL	1	[M]
JK602	RJR0054	JK SPEAKER TERMINAL	1	[M]
JK603	RJR0054	JK SPEAKER TERMINAL	1	[M]
JK791	SJS9234B	JK AC INLET	1	[M] ⚠
JK792	SJS9233B	JK AC OUTLET	1	[M] ⚠
JK1301	T0RX178A	JK OPTICAL MODULE	1	[M]
JK1302	T0RX178A	JK OPTICAL MODULE	1	[M]
JK1303	T0RX178A	JK OPTICAL MODULE	1	[M]
		EARTH TERMINAL		
E401	SNE1004-2	EARTH TERMINAL	1	[M]
E601	SNE1004-2	EARTH TERMINAL	1	[M]
E1301	RSC0551	EARTH ANGLE	1	[M]
		WIRES		
W1	REE0901	WIRE	1	[M]
W2	REE0907	WIRE	1	[M]
W3	REE0923	WIRE	1	[M]
W354	RWJ1811170SS	11P WIRE	1	[M]
W451	RWJ1803225SQ	3P WIRE	1	[M]
W701	RWJ1812250SS	WIRE	1	[M]
W702	RWJ1803430SQ	3P WIRE	1	[M]
W752	RWJ1803290SQ	3P WIRE	1	[M]
W1205	REX1010	12P FLAT WIRE UNIT	1	[M]
		PACKING MATERIALS		
P1	RPG4749	PACKING CASE	1	[M]
P2	RPN0966-2	POLYFOAM	1	[M]
P3	RPFX0005	MIRAMAT BAG	1	[M]
		RESISTORS		
R301	ERDS2TJ750T	75 1/4W	1	[M]
R302	ERDS2TJ750T	75 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R303	ERDS2TJ750T	75 1/4W	1	[M]
R359	ERDS2TJ750T	75 1/4W	1	[M]
R362	ERDS2TJ750T	75 1/4W	1	[M]
R367	ERDS2TJ102T	1K 1/4W	1	[M]
R368	ERDS2TJ102T	1K 1/4W	1	[M]
R369	ERDS2TJ182T	1.8K 1/4W	1	[M]
R370	ERDS2TJ182T	1.8K 1/4W	1	[M]
R371	ERD2FCVG220T	22 1/4W	1	[M] ⚠
R372	ERD2FCVG220T	22 1/4W	1	[M] ⚠
R373	ERDS2TJ103T	10K 1/4W	1	[M]
R374	ERDS2TJ103T	10K 1/4W	1	[M]
R375	ERDS2TJ103T	10K 1/4W	1	[M]
R401	ERDS2TJ102T	1K 1/4W	1	[M]
R402	ERDS2TJ102T	1K 1/4W	1	[M]
R403	ERDS2TJ102T	1K 1/4W	1	[M]
R404	ERDS2TJ102T	1K 1/4W	1	[M]
R405	ERDS2TJ102T	1K 1/4W	1	[M]
R406	ERDS2TJ102T	1K 1/4W	1	[M]
R407	ERDS2TJ102T	1K 1/4W	1	[M]
R408	ERDS2TJ102T	1K 1/4W	1	[M]
R409	ERDS2TJ102T	1K 1/4W	1	[M]
R410	ERDS2TJ102T	1K 1/4W	1	[M]
R411	ERDS2TJ102T	1K 1/4W	1	[M]
R412	ERDS2TJ102T	1K 1/4W	1	[M]
R413	ERDS2TJ102T	1K 1/4W	1	[M]
R414	ERDS2TJ102T	1K 1/4W	1	[M]
R415	ERDS2TJ102T	1K 1/4W	1	[M]
R416	ERDS2TJ102T	1K 1/4W	1	[M]
R417	ERDS2TJ473T	47K 1/4W	1	[M]
R418	ERDS2TJ473T	47K 1/4W	1	[M]
R419	ERDS2TJ104T	100K 1/4W	1	[M]
R420	ERDS2TJ104T	100K 1/4W	1	[M]
R421	ERDS2TJ104T	100K 1/4W	1	[M]
R422	ERDS2TJ104T	100K 1/4W	1	[M]
R423	ERDS2TJ102T	1K 1/4W	1	[M]
R424	ERDS2TJ102T	1K 1/4W	1	[M]
R425	ERDS2TJ103T	10K 1/4W	1	[M]
R426	ERDS2TJ103T	10K 1/4W	1	[M]
R427	ERDS2TJ103T	10K 1/4W	1	[M]
R428	ERDS2TJ102T	1K 1/4W	1	[M]
R429	ERDS2TJ104T	100K 1/4W	1	[M]
R438	ERDS2TJ102T	1K 1/4W	1	[M]
R439	ERDS2TJ102T	1K 1/4W	1	[M]
R440	ERDS1FVJ560T	56 1/2W	1	[M] ⚠
R441	ERDS2TJ473T	47K 1/4W	1	[M]
R442	ERDS2TJ473T	47K 1/4W	1	[M]
R443	ERDS1FVJ560T	56 1/2W	1	[M] ⚠
R444	ERDS2TJ103T	10K 1/4W	1	[M]
R445	ERDS2TJ103T	10K 1/4W	1	[M]
R446	ERDS2TJ103T	10K 1/4W	1	[M]
R448	ERDS2TJ682T	6.8K 1/4W	1	[M]
R449	ERDS2TJ682T	6.8K 1/4W	1	[M]
R451	ERDS2TJ224T	220K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R452	ERDS2TJ224T	220K 1/4W	1	[M]
R453	ERDS2TJ821T	820 1/4W	1	[M]
R454	ERDS2TJ821T	820 1/4W	1	[M]
R455	ERDS2TJ563T	56K 1/4W	1	[M]
R456	ERDS2TJ563T	56K 1/4W	1	[M]
R457	ERDS2TJ271T	270 1/4W	1	[M]
R458	ERDS2TJ271T	270 1/4W	1	[M]
R459	ERDS2TJ680T	68 1/4W	1	[M]
R460	ERDS2TJ680T	68 1/4W	1	[M]
R461	ERDS2TJ184T	180K 1/4W	1	[M]
R462	ERDS2TJ184T	180K 1/4W	1	[M]
R463	ERDS2TJ123T	12K 1/4W	1	[M]
R464	ERDS2TJ123T	12K 1/4W	1	[M]
R465	ERDS2TJ563T	56K 1/4W	1	[M]
R466	ERDS2TJ563T	56K 1/4W	1	[M]
R478	ERDS2TJ473T	47K 1/4W	1	[M]
R482	ERDS2TJ473T	47K 1/4W	1	[M]
R483	ERDS2TJ473T	47K 1/4W	1	[M]
R484	ERDS2TJ473T	47K 1/4W	1	[M]
R485	ERDS2TJ473T	47K 1/4W	1	[M]
R486	ERDS2TJ102T	1K 1/4W	1	[M]
R488	ERDS2TJ473T	47K 1/4W	1	[M]
R489	ERDS2TJ102T	1K 1/4W	1	[M]
R490	ERDS2TJ102T	1K 1/4W	1	[M]
R491	ERDS2TJ102T	1K 1/4W	1	[M]
R501	ERDS2TJ222T	2.2K 1/4W	1	[M]
R502	ERDS2TJ222T	2.2K 1/4W	1	[M]
R503	ERDS2TJ103T	10K 1/4W	1	[M]
R504	ERDS2TJ103T	10K 1/4W	1	[M]
R505	ERDS2TJ222T	2.2K 1/4W	1	[M]
R506	ERDS2TJ222T	2.2K 1/4W	1	[M]
R508	ERDS1FVJ2R2T	2.2 1/2W	1	[M] ⚠
R511	ERDS2TJ471T	470 1/4W	1	[M]
R512	ERDS2TJ471T	470 1/4W	1	[M]
R513	ERDS2TJ474T	470K 1/4W	1	[M]
R514	ERDS2TJ474T	470K 1/4W	1	[M]
R515	ERDS2TJ474T	470K 1/4W	1	[M]
R516	ERDS2TJ474T	470K 1/4W	1	[M]
R517	ERDS2TJ182T	1.8K 1/4W	1	[M]
R518	ERDS2TJ182T	1.8K 1/4W	1	[M]
R519	ERDS2TJ332T	3.3K 1/4W	1	[M]
R520	ERDS2TJ332T	3.3K 1/4W	1	[M]
R521	ERDS2TJ223T	22K 1/4W	1	[M]
R522	ERDS2TJ223T	22K 1/4W	1	[M]
R523	ERDS2TJ392T	3.9K 1/4W	1	[M]
R524	ERDS2TJ392T	3.9K 1/4W	1	[M]
R525	ERDS2TJ222T	2.2K 1/4W	1	[M]
R526	ERDS2TJ222T	2.2K 1/4W	1	[M]
R527	ERDS2TJ821T	820 1/4W	1	[M]
R528	ERDS2TJ821T	820 1/4W	1	[M]
R529	ERDS2TJ273T	27K 1/4W	1	[M]
R530	ERDS2TJ273T	27K 1/4W	1	[M]
R531	ERDS2TJ332T	3.3K 1/4W	1	[M]
R532	ERDS2TJ332T	3.3K 1/4W	1	[M]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R533	ERDS2TJ473T	47K 1/4W	1	[M]
R534	ERDS2TJ473T	47K 1/4W	1	[M]
R535	ERDS2TJ102T	1K 1/4W	1	[M]
R536	ERDS2TJ102T	1K 1/4W	1	[M]
R537	ERDS2TJ103T	10K 1/4W	1	[M]
R538	ERDS2TJ103T	10K 1/4W	1	[M]
R543	ERDS2TJ102T	1K 1/4W	1	[M]
R544	ERDS2TJ102T	1K 1/4W	1	[M]
R545	ERDS2TJ684T	680K 1/4W	1	[M]
R546	ERDS2TJ223T	22K 1/4W	1	[M]
R550	ERDS2TJ822T	8.2K 1/4W	1	[M]
R551	ERDS2TJ104T	100K 1/4W	1	[M]
R552	ERDS2TJ104T	100K 1/4W	1	[M]
R553	ERDS2TJ104T	100K 1/4W	1	[M]
R571	ERDS2TJ681T	680 1/4W	1	[M]
R572	ERDS2TJ222T	2.2K 1/4W	1	[M]
R573	ERDS2TJ272T	2.7K 1/4W	1	[M]
R574	ERDS2TJ183T	18K 1/4W	1	[M]
R575	ERDS2TJ681T	680 1/4W	1	[M]
R576	ERDS2TJ272T	2.7K 1/4W	1	[M]
R579	ERDS2TJ222T	2.2K 1/4W	1	[M]
R580	ERDS2TJ222T	2.2K 1/4W	1	[M]
R581	ERDS2TJ183T	18K 1/4W	1	[M]
R582	ERDS2TJ183T	18K 1/4W	1	[M]
R583	ERDS2TJ102T	1K 1/4W	1	[M]
R584	ERDS2TJ272T	2.7K 1/4W	1	[M]
R585	ERDS2TJ103T	10K 1/4W	1	[M]
R586	ERDS2TJ473T	47K 1/4W	1	[M]
R587	ERDS2TJ103T	10K 1/4W	1	[M]
R588	ERDS2TJ103T	10K 1/4W	1	[M]
R589	ERDS2TJ103T	10K 1/4W	1	[M]
R595	ERDS2TJ102T	1K 1/4W	1	[M]
R596	ERDS2TJ102T	1K 1/4W	1	[M]
R597	ERDS2TJ102T	1K 1/4W	1	[M]
R598	ERDS2TJ102T	1K 1/4W	1	[M]
R603	ERDS2TJ182T	1.8K 1/4W	1	[M]
R604	ERDS2TJ182T	1.8K 1/4W	1	[M]
R605	ERDS2TJ221T	220 1/4W	1	[M]
R606	ERDS2TJ221T	220 1/4W	1	[M]
R607	ERDS2TJ563T	56K 1/4W	1	[M]
R608	ERDS2TJ563T	56K 1/4W	1	[M]
R609	ERDS2TJ470T	47 1/4W	1	[M]
R610	ERDS2TJ470T	47 1/4W	1	[M]
R611	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R612	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R613	ERDS2TJ222T	2.2K 1/4W	1	[M]
R614	ERDS2TJ222T	2.2K 1/4W	1	[M]
R615	ERDS2TJ681T	680 1/4W	1	[M]
R616	ERD25FVJ391T	390 1/4W	1	[M] ⚠
R617	ERD25FVJ391T	390 1/4W	1	[M] ⚠
R618	ERD25FVJ391T	390 1/4W	1	[M] ⚠
R619	ERD25FVJ391T	390 1/4W	1	[M] ⚠

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R621	ERDS2TJ682T	6.8K 1/4W	1	[M]
R622	ERDS2TJ682T	6.8K 1/4W	1	[M]
R623	ERDS2TJ682T	6.8K 1/4W	1	[M]
R624	ERD25FVJ4R7T	4.7 1/4W	1	[M] ⚠
R625	ERG1SJ101E	100 1W	1	[M]
R626	ERG1SJ101E	100 1W	1	[M]
R627	ERG1SJ101E	100 1W	1	[M]
R628	ERG1SJ101E	100 1W	1	[M]
R629	ERDS2TJ102T	1K 1/4W	1	[M]
R630	ERDS2TJ124T	120K 1/4W	1	[M]
R631	ERDS2TJ154T	150K 1/4W	1	[M]
R632	ERDS2TJ184T	180K 1/4W	1	[M]
R633	ERDS2TJ473T	47K 1/4W	1	[M]
R634	ERDS2TJ474T	470K 1/4W	1	[M]
R635	ERDS2TJ154T	150K 1/4W	1	[M]
R636	ERDS2TJ473T	47K 1/4W	1	[M]
R637	ERDS2TJ154T	150K 1/4W	1	[M]
R638	ERDS2TJ154T	150K 1/4W	1	[M]
R639	ERDS2TJ104T	100K 1/4W	1	[M]
R640	ERDS2TJ681T	680 1/4W	1	[M]
R642	ERDS2TJ821T	820 1/4W	1	[M]
R643	ERDS2TJ563T	56K 1/4W	1	[M]
R644	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R645	ERDS2TJ470T	47 1/4W	1	[M]
R647	ERDS2TJ221T	220 1/4W	1	[M]
R653	ERDS2TJ821T	820 1/4W	1	[M]
R654	ERDS2TJ821T	820 1/4W	1	[M]
R655	ERDS2TJ221T	220 1/4W	1	[M]
R656	ERDS2TJ221T	220 1/4W	1	[M]
R657	ERDS2TJ563T	56K 1/4W	1	[M]
R658	ERDS2TJ563T	56K 1/4W	1	[M]
R661	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R662	ERDS1FVJ100T	10 1/2W	1	[M] ⚠
R663	ERDS2TJ470T	47 1/4W	1	[M]
R664	ERDS2TJ470T	47 1/4W	1	[M]
R671	ERD25FVJ561T	560 1/4W	1	[M] ⚠
R672	ERDS1FVJ271T	270 1/2W	1	[M] ⚠
R674	ERD25FVJ4R7T	4.7 1/4W	1	[M] ⚠
R679	ERDS2TJ682T	6.8K 1/4W	1	[M]
R681	ERDS2TJ184T	180K 1/4W	1	[M]
R682	ERDS2TJ224T	220K 1/4W	1	[M]
R683	ERDS2TJ473T	47K 1/4W	1	[M]
R684	ERDS2TJ474T	470K 1/4W	1	[M]
R685	ERDS2TJ154T	150K 1/4W	1	[M]
R687	ERDS2TJ154T	150K 1/4W	1	[M]
R688	ERDS2TJ154T	150K 1/4W	1	[M]
R689	ERDS2TJ821T	820 1/4W	1	[M]
R690	ERDS2TJ821T	820 1/4W	1	[M]
R698	ERDS2TJ222T	2.2K 1/4W	1	[M]
R699	ERDS2TJ222T	2.2K 1/4W	1	[M]
R705	ERDS2TJ472T	4.7K 1/4W	1	[M]
R706	ERDS2TJ102T	1K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R707	ERD25FVJ221T	220 1/4W	1	[M] ⚠
R708	ERDS2TJ152T	1.5K 1/4W	1	[M]
R711	ERDS2TJ752T	7.5K 1/4W	1	[M]
R712	ERDS2TJ682T	6.8K 1/4W	1	[M]
R713	ERDS2TJ390T	39 1/4W	1	[M]
R714	ERDS2TJ390T	39 1/4W	1	[M]
R720	ERDS2TJ103T	10K 1/4W	1	[M]
R721	ERDS1FVJ561T	560 1/2W	1	[M] ⚠
R722	ERDS2TJ123T	12K 1/4W	1	[M]
R723	ERDS1FVJ1R0T	1 1/2W	1	[M] ⚠
R724	ERDS1FVJ1R0T	1 1/2W	1	[M] ⚠
R725	ERDS2TJ821T	820 1/4W	1	[M]
R726	ERD25FVJ331T	330 1/4W	1	[M] ⚠
R727	ERD25FVJ331T	330 1/4W	1	[M] ⚠
R728	ERDS2TJ684T	680K 1/4W	1	[M]
R729	ERDS2TJ684T	680K 1/4W	1	[M]
R730	ERDS1FVJ5R6T	5.6 1/2W	1	[M] ⚠
R751	ERC12UGK335D	3.3M 1/2W	1	[M]
R766	ERDS2TJ473T	47K 1/4W	1	[M]
R767	ERDS2TJ154T	150K 1/4W	1	[M]
R768	ERDS2TJ102T	1K 1/4W	1	[M]
R769	ERDS2TJ103T	10K 1/4W	1	[M]
R770	ERDS2TJ104T	100K 1/4W	1	[M]
R771	ERDS2TJ104T	100K 1/4W	1	[M]
R773	ERDS2TJ103T	10K 1/4W	1	[M]
R774	ERDS2TJ155T	1.5M 1/4W	1	[M]
R775	ERDS2TJ331T	330 1/4W	1	[M]
R776	ERDS1FVJ220T	22 1/2W	1	[M] ⚠
R777	ERDS2TJ154T	150K 1/4W	1	[M]
R778	ERDS2TJ472T	4.7K 1/4W	1	[M]
R779	ERDS2TJ103T	10K 1/4W	1	[M]
R780	ERDS1FVJ3R9T	3.9 1/2W	1	[M] ⚠
R782	ERDS2TJ390T	39 1/4W	1	[M]
R784	ERDS2TJ154T	150K 1/4W	1	[M]
R786	ERDS2TJ154T	150K 1/4W	1	[M]
R791	ERDS2TJ123T	12K 1/4W	1	[M]
R792	ERDS2TJ123T	12K 1/4W	1	[M]
R793	ERDS2TJ123T	12K 1/4W	1	[M]
R794	ERDS2TJ123T	12K 1/4W	1	[M]
R795	ERDS2TJ223T	22K 1/4W	1	[M]
R797	ERDS2TJ223T	22K 1/4W	1	[M]
R798	ERDS2TJ223T	22K 1/4W	1	[M]
R799	ERDS1FVJ220T	22 1/2W	1	[M] ⚠
R799A	ERDS2TJ682T	6.8K 1/4W	1	[M]
R891	ERDS2TJ103T	10K 1/4W	1	[M]
R892	ERDS2TJ103T	10K 1/4W	1	[M]
R893	ERDS2TJ103T	10K 1/4W	1	[M]
R894	ERDS2TJ103T	10K 1/4W	1	[M]
R901	ERDS2TJ102T	1K 1/4W	1	[M]
R904	ERDS2TJ472T	4.7K 1/4W	1	[M]
R906	ERDS2TJ222T	2.2K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R907	ERDS2TJ104T	100K 1/4W	1	[M]
R908	ERDS2TJ104T	100K 1/4W	1	[M]
R909	ERDS2TJ104T	100K 1/4W	1	[M]
R910	ERDS2TJ102T	1K 1/4W	1	[M]
R911	ERDS2TJ104T	100K 1/4W	1	[M]
R914	ERDS2TJ223T	22K 1/4W	1	[M]
R915	ERDS2TJ222T	2.2K 1/4W	1	[M]
R916	ERDS2TJ223T	22K 1/4W	1	[M]
R917	ERDS2TJ103T	10K 1/4W	1	[M]
R920	ERDS2TJ271T	270 1/4W	1	[M]
R921	ERDS2TJ121T	120 1/4W	1	[M]
R922	ERDS2TJ472T	4.7K 1/4W	1	[M]
R929	ERDS2TJ101T	100 1/4W	1	[M]
R930	ERDS2TJ101T	100 1/4W	1	[M]
R931	ERDS2TJ271T	270 1/4W	1	[M]
R932	ERDS2TJ271T	270 1/4W	1	[M]
R933	ERDS2TJ271T	270 1/4W	1	[M]
R934	ERDS2TJ271T	270 1/4W	1	[M]
R935	ERDS2TJ271T	270 1/4W	1	[M]
R936	ERDS2TJ271T	270 1/4W	1	[M]
R937	ERDS2TJ271T	270 1/4W	1	[M]
R939	ERDS2TJ271T	270 1/4W	1	[M]
R940	ERDS2TJ271T	270 1/4W	1	[M]
R941	ERDS2TJ271T	270 1/4W	1	[M]
R942	ERDS2TJ181T	180 1/4W	1	[M]
R943	ERDS2TJ102T	1K 1/4W	1	[M]
R944	ERDS2TJ104T	100K 1/4W	1	[M]
R945	ERDS2TJ104T	100K 1/4W	1	[M]
R946	ERDS2TJ103T	10K 1/4W	1	[M]
R947	ERDS2TJ103T	10K 1/4W	1	[M]
R950	ERDS2TJ102T	1K 1/4W	1	[M]
R951	ERDS2TJ122T	1.2K 1/4W	1	[M]
R952	ERDS2TJ152T	1.5K 1/4W	1	[M]
R953	ERDS2TJ182T	1.8K 1/4W	1	[M]
R954	ERDS2TJ222T	2.2K 1/4W	1	[M]
R955	ERDS2TJ332T	3.3K 1/4W	1	[M]
R956	ERDS2TJ472T	4.7K 1/4W	1	[M]
R957	ERDS2TJ682T	6.8K 1/4W	1	[M]
R960	ERDS2TJ102T	1K 1/4W	1	[M]
R961	ERDS2TJ122T	1.2K 1/4W	1	[M]
R962	ERDS2TJ152T	1.5K 1/4W	1	[M]
R963	ERDS2TJ182T	1.8K 1/4W	1	[M]
R964	ERDS2TJ222T	2.2K 1/4W	1	[M]
R965	ERDS2TJ332T	3.3K 1/4W	1	[M]
R966	ERDS2TJ472T	4.7K 1/4W	1	[M]
R967	ERDS2TJ682T	6.8K 1/4W	1	[M]
R968	ERDS2TJ123T	12K 1/4W	1	[M]
R991	ERDS2TJ104T	100K 1/4W	1	[M]
R992	ERDS2TJ104T	100K 1/4W	1	[M]
R993	ERDS2TJ104T	100K 1/4W	1	[M]
R994	ERDS2TJ104T	100K 1/4W	1	[M]
R995	ERDS2TJ104T	100K 1/4W	1	[M]
R996	ERDS2TJ104T	100K 1/4W	1	[M]
R997	ERDS2TJ101T	100 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R998	ERDS2TJ101T	100 1/4W	1	[M]
R1012	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1013	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1014	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1015	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1016	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1017	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1018	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1019	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1020	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1021	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1022	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R1023	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1024	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R1025	ERJ3GEYJ103Z	10K 1/16W	1	[M]
R1026	ERJ3GEYJ330V	33 1/16W	1	[M]
R1027	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R1028	ERJ3GEYJ333V	33K 1/16W	1	[M]
R1029	ERJ3GEYJ472V	4.7K 1/16W	1	[M]
R1030	ERJ3GEYJ105V	1M 1/16W	1	[M]
R1031	ERJ3GEYJ122V	1.2K 1/16W	1	[M]
R1032	ERJ3GEYJ330V	33 1/16W	1	[M]
R1033	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1034	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1035	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1036	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1037	ERJ3GEYJ104Z	100K 1/16W	1	[M]
R1038	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1039	ERJ3GEYJ104Z	100K 1/16W	1	[M]
R1040	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1041	ERJ3GEYJ330V	33 1/16W	1	[M]
R1042	ERJ3GEYJ330V	33 1/16W	1	[M]
R1043	ERJ3GEYJ470V	47 1/16W	1	[M]
R1044	ERJ3GEYJ470V	47 1/16W	1	[M]
R1045	ERJ3GEYJ470V	47 1/16W	1	[M]
R1046	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1047	ERJ3GEYJ1R5V	1.5 1/16W	1	[M]
R1048	ERJ3GEYJ104Z	100K 1/16W	1	[M]
R1049	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1050	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1051	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1052	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1053	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1054	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1055	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1056	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1057	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1058	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1059	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1060	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1061	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1062	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1063	ERJ3GEYJ102Z	1K 1/16W	1	[M]
R1064	ERJ3GEYJ331V	330 1/16W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R1065	ERJ3GEYJ331V	330 1/16W	1	[M]
R1066	ERJ3GEYJ331V	330 1/16W	1	[M]
R1067	ERJ3GEYJ331V	330 1/16W	1	[M]
R1068	ERJ3GEYJ473V	47K 1/16W	1	[M]
R1069	ERJ3GEYJ100V	10 1/16W	1	[M]
R1201	ERDS2TJ333T	33K 1/4W	1	[M]
R1202	ERDS2TJ333T	33K 1/4W	1	[M]
R1203	ERDS2TJ102T	1K 1/4W	1	[M]
R1204	ERDS2TJ102T	1K 1/4W	1	[M]
R1206	ERDS2TJ101T	100 1/4W	1	[M]
R1207	ERDS2TJ392T	3.9K 1/4W	1	[M]
R1208	ERDS2TJ392T	3.9K 1/4W	1	[M]
R1209	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1210	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1213	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1214	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1215	ERDS2TJ562T	5.6K 1/4W	1	[M]
R1216	ERDS2TJ562T	5.6K 1/4W	1	[M]
R1217	ERDS2TJ473T	47K 1/4W	1	[M]
R1218	ERDS2TJ473T	47K 1/4W	1	[M]
R1219	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1220	ERDS2TJ102T	1K 1/4W	1	[M]
R1221	ERDS2TJ104T	100K 1/4W	1	[M]
R1222	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1223	ERDS2TJ682T	6.8K 1/4W	1	[M]
R1224	ERDS2TJ104T	100K 1/4W	1	[M]
R1225	ERDS2TJ103T	10K 1/4W	1	[M]
R1226	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1227	ERDS2TJ124T	120K 1/4W	1	[M]
R1228	ERDS2TJ124T	120K 1/4W	1	[M]
R1229	ERDS2TJ272T	2.7K 1/4W	1	[M]
R1230	ERDS2TJ272T	2.7K 1/4W	1	[M]
R1233	ERDS2TJ102T	1K 1/4W	1	[M]
R1234	ERDS2TJ102T	1K 1/4W	1	[M]
R1235	ERDS2TJ682T	6.8K 1/4W	1	[M]
R1236	ERDS2TJ682T	6.8K 1/4W	1	[M]
R1237	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1240	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1241	ERDS2TJ124T	120K 1/4W	1	[M]
R1242	ERDS2TJ333T	33K 1/4W	1	[M]
R1247	ERDS2TJ102T	1K 1/4W	1	[M]
R1248	ERDS2TJ471T	470 1/4W	1	[M]
R1249	ERDS2TJ682T	6.8K 1/4W	1	[M]
R1250	ERDS2TJ562T	5.6K 1/4W	1	[M]
R1251	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1256	ERDS2TJ473T	47K 1/4W	1	[M]
R1257	ERDS2TJ473T	47K 1/4W	1	[M]
R1258	ERDS2TJ473T	47K 1/4W	1	[M]
R1259	ERDS2TJ473T	47K 1/4W	1	[M]
R1260	ERDS2TJ473T	47K 1/4W	1	[M]
R1261	ERDS2TJ224T	220K 1/4W	1	[M]
R1262	ERDS2TJ224T	220K 1/4W	1	[M]
R1263	ERDS2TJ223T	22K 1/4W	1	[M]
R1264	ERDS2TJ223T	22K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R1265	ERDS2TJ472T	4.7K 1/4W	1	[M]
R1266	ERDS2TJ472T	4.7K 1/4W	1	[M]
R1267	ERDS2TJ103T	10K 1/4W	1	[M]
R1268	ERDS2TJ103T	10K 1/4W	1	[M]
R1269	ERDS2TJ103T	10K 1/4W	1	[M]
R1270	ERDS2TJ103T	10K 1/4W	1	[M]
R1271	ERDS2TJ103T	10K 1/4W	1	[M]
R1272	ERDS2TJ103T	10K 1/4W	1	[M]
R1281	ERDS2TJ473T	47K 1/4W	1	[M]
R1282	ERDS2TJ222T	2.2K 1/4W	1	[M]
R1284	ERDS2TJ102T	1K 1/4W	1	[M]
R1285	ERDS2TJ102T	1K 1/4W	1	[M]
R1286	ERDS2TJ473T	47K 1/4W	1	[M]
R1293	ERDS2TJ473T	47K 1/4W	1	[M]
R1294	ERDS2TJ473T	47K 1/4W	1	[M]
R1301	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1302	ERDS2TJ102T	1K 1/4W	1	[M]
R1303	ERDS2TJ470T	47 1/4W	1	[M]
R1304	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1305	ERDS2TJ102T	1K 1/4W	1	[M]
R1306	ERDS2TJ470T	47 1/4W	1	[M]
R1307	ERDS2TJ102T	1K 1/4W	1	[M]
R1308	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1309	ERDS2TJ470T	47 1/4W	1	[M]
R1310	ERDS2TJ100T	10 1/4W	1	[M]
R1681	ERDS2TJ270T	27 1/4W	1	[M]
R1682	ERDS2TJ270T	27 1/4W	1	[M]
R1683	ERDS2TJ270T	27 1/4W	1	[M]
R1684	ERDS2TJ270T	27 1/4W	1	[M]
R1685	ERDS2TJ270T	27 1/4W	1	[M]
R1686	ERDS2TJ270T	27 1/4W	1	[M]
R1687	ERDS2TJ270T	27 1/4W	1	[M]
R1688	ERDS2TJ270T	27 1/4W	1	[M]
R1689	ERDS2TJ270T	27 1/4W	1	[M]
R1690	ERDS2TJ270T	27 1/4W	1	[M]
R1691	ERDS2TJ270T	27 1/4W	1	[M]
R1692	ERDS2TJ270T	27 1/4W	1	[M]
R1693	ERDS2TJ270T	27 1/4W	1	[M]
R1694	ERDS2TJ270T	27 1/4W	1	[M]
R1695	ERDS2TJ102T	1K 1/4W	1	[M]
R1696	ERDS2TJ102T	1K 1/4W	1	[M]
R1699	ERDS2TJ332T	3.3K 1/4W	1	[M]
R1701	ERDS1FVJ4R7T	4.7 1/2W	1	[M] ⚠
R1702	ERDS1FVJ4R7T	4.7 1/2W	1	[M] ⚠
R1707	ERDS2TJ821T	820 1/4W	1	[M]
R1708	ERDS2TJ331T	330 1/4W	1	[M]
R1709	ERDS2TJ331T	330 1/4W	1	[M]
R1710	ERDS2TJ272T	2.7K 1/4W	1	[M]
R1711	ER0S2TKF3900	3.9K 1/4W	1	[M]
R1712	ER0S2TKF3900	3.9K 1/4W	1	[M]
R1715	ERDS2TJ392T	3.9K 1/4W	1	[M]
R1901	ERDS2TJ102T	1K 1/4W	1	[M]
R1902	ERDS2TJ472T	4.7K 1/4W	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
R1903	ERDS2TJ104T	100K 1/4W	1	[M]
R1904	ERDS2TJ121T	120 1/4W	1	[M]
R1905	ERDS2TJ271T	270 1/4W	1	[M]
R1906	ERDS2TJ101T	100 1/4W	1	[M]
R1907	ERDS2TJ101T	100 1/4W	1	[M]
R1909	ERDS2TJ102T	1K 1/4W	1	[M]
R1910	ERDS2TJ102T	1K 1/4W	1	[M]
R1911	ERDS2TJ102T	1K 1/4W	1	[M]
R1912	ERDS2TJ102T	1K 1/4W	1	[M]
R1913	ERDS2TJ102T	1K 1/4W	1	[M]
R1914	ERDS2TJ102T	1K 1/4W	1	[M]
R1915	ERDS2TJ103T	10K 1/4W	1	[M]
R1916	ERDS2TJ101T	100 1/4W	1	[M]
R1917	ERDS2TJ102T	1K 1/4W	1	[M]
R1918	ERDS2TJ102T	1K 1/4W	1	[M]
R1919	ERDS2TJ102T	1K 1/4W	1	[M]
R1920	ERDS2TJ102T	1K 1/4W	1	[M]
R1922	ERDS2TJ104T	100K 1/4W	1	[M]
R1923	ERDS2TJ102T	1K 1/4W	1	[M]
R1924	ERDS2TJ102T	1K 1/4W	1	[M]
R1925	ERDS2TJ102T	1K 1/4W	1	[M]
R1926	ERDS2TJ102T	1K 1/4W	1	[M]
R1928	ERDS2TJ101T	100 1/4W	1	[M]
R1929	ERDS2TJ101T	100 1/4W	1	[M]
R1930	ERDS2TJ101T	100 1/4W	1	[M]
R1931	ERDS2TJ101T	100 1/4W	1	[M]
R1932	ERDS2TJ101T	100 1/4W	1	[M]
R1933	ERDS2TJ101T	100 1/4W	1	[M]
R1934	ERDS2TJ101T	100 1/4W	1	[M]
R1935	ERDS2TJ101T	100 1/4W	1	[M]
R1936	ERDS2TJ101T	100 1/4W	1	[M]
R1937	ERDS2TJ101T	100 1/4W	1	[M]
R1938	ERDS2TJ101T	100 1/4W	1	[M]
R1939	ERDS2TJ101T	100 1/4W	1	[M]
R1940	ERDS2TJ103T	10K 1/4W	1	[M]
R1941	ERDS2TJ101T	100 1/4W	1	[M]
R1942	ERDS2TJ101T	100 1/4W	1	[M]
R1943	ERDS2TJ101T	100 1/4W	1	[M]
R1945	ERDS2TJ101T	100 1/4W	1	[M]
R1946	ERDS2TJ102T	1K 1/4W	1	[M]
		CAPACITORS		
C308	ECA0JAK101XB	100 6.3V	1	[M]
C309	ECA0JAK101XB	100 6.3V	1	[M]
C329	ECBT1H470J5	47P 50V	1	[M]
C330	ECBT1H470J5	47P 50V	1	[M]
C351	ECA0JAK101XB	100 6.3V	1	[M]
C352	ECA0JAK101XB	100 6.3V	1	[M]
C354	ECBT1H104KB5	0.1 50V	1	[M]
C355	ECBT1H104KB5	0.1 50V	1	[M]
C357	ECBT1H103KB5	0.01 50V	1	[M]
C358	ECBT1H103KB5	0.01 50V	1	[M]
C373	ECA1CAK470XB	47 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C374	ECA1CAK470XB	47 16V	1	[M]
C375	ECA1CAK470XB	47 16V	1	[M]
C401	ECA1HAK4R7XB	4.7 50V	1	[M]
C402	ECA1HAK4R7XB	4.7 50V	1	[M]
C403	ECBT1H103KB5	0.01 50V	1	[M]
C404	ECBT1H103KB5	0.01 50V	1	[M]
C405	ECBT1H101KB5	100P 50V	1	[M]
C406	ECBT1H101KB5	100P 50V	1	[M]
C409	ECA1CAK220XB	22 16V	1	[M]
C410	ECA1CAK220XB	22 16V	1	[M]
C411	ECBT1H101KB5	100P 50V	1	[M]
C412	ECBT1H101KB5	100P 50V	1	[M]
C413	ECA1CAK100XB	10 16V	1	[M]
C414	ECA1CAK100XB	10 16V	1	[M]
C415	ECBT1H103KB5	0.01 50V	1	[M]
C416	ECBT1H103KB5	0.01 50V	1	[M]
C417	ECA1CAK100XB	10 16V	1	[M]
C418	ECA1CAK100XB	10 16V	1	[M]
C419	ECBT1H331KB5	330P 50V	1	[M]
C420	ECA1HAK3R3XB	3.3 50V	1	[M]
C439	ECBT1H101KB5	100P 50V	1	[M]
C440	ECBT1H103KB5	0.01 50V	1	[M]
C441	ECA1HAK4R7XB	4.7 50V	1	[M]
C442	ECA1HAK4R7XB	4.7 50V	1	[M]
C443	ECBT1H103KB5	0.01 50V	1	[M]
C444	ECBT1H103KB5	0.01 50V	1	[M]
C451	ECA1HAK4R7XB	4.7 50V	1	[M]
C452	ECA1HAK4R7XB	4.7 50V	1	[M]
C453	ECBT1H101KB5	100P 50V	1	[M]
C454	ECBT1H101KB5	100P 50V	1	[M]
C455	ECBT1H102KB5	1000P 50V	1	[M]
C456	ECBT1H102KB5	1000P 50V	1	[M]
C457	ECA1AAK330XB	33 10V	1	[M]
C458	ECA1AAK330XB	33 10V	1	[M]
C459	ECFR1E223KR	0.022 25V	1	[M]
C460	ECFR1E223KR	0.022 25V	1	[M]
C461	ECFR1E682KR	6800P 25V	1	[M]
C462	ECFR1E682KR	6800P 25V	1	[M]
C463	ECA1HAK4R7XB	4.7 50V	1	[M]
C464	ECA1HAK4R7XB	4.7 50V	1	[M]
C465	ECBT1H103KB5	0.01 50V	1	[M]
C466	ECBT1H103KB5	0.01 50V	1	[M]
C472	ECA1HAK4R7XB	4.7 50V	1	[M]
C475	ECQV1H393JZ3	0.039 50V	1	[M]
C476	ECBT1H103KB5	0.01 50V	1	[M]
C477	ECBT1H101KB5	100P 50V	1	[M]
C478	ECQV1H393JZ3	0.039 50V	1	[M]
C479	ECA1HAK4R7XB	4.7 50V	1	[M]
C481	ECA1HAK4R7XB	4.7 50V	1	[M]
C482	ECA1HAK4R7XB	4.7 50V	1	[M]
C484	ECA1HAK4R7XB	4.7 50V	1	[M]
C485	ECA1HAK4R7XB	4.7 50V	1	[M]
C486	ECA1EPXS100B	10 25V	1	[M]
C487	ECA1CAK100XB	10 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C488	ECA1HAK4R7XB	4.7 50V	1	[M]
C489	ECA1CAK100XB	10 16V	1	[M]
C490	ECBT1H101KB5	100P 50V	1	[M]
C491	ECBT1H101KB5	100P 50V	1	[M]
C492	ECBT1H101KB5	100P 50V	1	[M]
C493	ECBT1H103KB5	0.01 50V	1	[M]
C494	ECBT1H103KB5	0.01 50V	1	[M]
C499	ECBT1H103KB5	0.01 50V	1	[M]
C503	ECA0JAK101XB	100 6.3V	1	[M]
C504	ECA0JAK101XB	100 6.3V	1	[M]
C505	ECFR1C104MR	0.1 16V	1	[M]
C506	ECFR1C104MR	0.1 16V	1	[M]
C511	ECA1HAK3R3XB	3.3 50V	1	[M]
C512	ECA1HAK3R3XB	3.3 50V	1	[M]
C513	ECBT1H150J5	15P 50V	1	[M]
C514	ECBT1H150J5	15P 50V	1	[M]
C515	ECBT1H221KB5	220P 50V	1	[M]
C516	ECBT1H221KB5	220P 50V	1	[M]
C517	ECBT1H330J5	33P 50V	1	[M]
C518	ECBT1H330J5	33P 50V	1	[M]
C519	ECA1HAK4R7XB	4.7 50V	1	[M]
C520	ECA1HAK4R7XB	4.7 50V	1	[M]
C521	ECA1HAK4R7XB	4.7 50V	1	[M]
C522	ECA1HAK4R7XB	4.7 50V	1	[M]
C523	ECFR1E123KR	0.012 25V	1	[M]
C524	ECFR1E123KR	0.012 25V	1	[M]
C525	ECQV1H683JZ3	0.068 50V	1	[M]
C526	ECQV1H683JZ3	0.068 50V	1	[M]
C527	ECBT1C562KR5	5600P 16V	1	[M]
C528	ECBT1C562KR5	5600P 16V	1	[M]
C529	ECQB1H273JM3	0.027 50V	1	[M]
C530	ECQB1H273JM3	0.027 50V	1	[M]
C531	ECBT1H103KB5	0.01 50V	1	[M]
C532	ECBT1H103KB5	0.01 50V	1	[M]
C533	ECA1CAK220XB	22 16V	1	[M]
C534	ECA1CAK220XB	22 16V	1	[M]
C535	ECBT1H104KB5	0.1 50V	1	[M]
C536	ECBT1H104KB5	0.1 50V	1	[M]
C537	ECA1CAK330XB	33 16V	1	[M]
C538	ECA1CAK330XB	33 16V	1	[M]
C551	ECA1HAK3R3XB	3.3 50V	1	[M]
C552	ECA1HAK3R3XB	3.3 50V	1	[M]
C553	ECA1CAK100XB	10 16V	1	[M]
C554	ECA1CAK100XB	10 16V	1	[M]
C571	ECA1CAK220XB	22 16V	1	[M]
C572	ECA1CAK220XB	22 16V	1	[M]
C573	ECBT1H561KB5	560P 50V	1	[M]
C574	ECBT1H121KB5	120P 50V	1	[M]
C575	ECA1CAK220XB	22 16V	1	[M]
C576	ECBT1H561KB5	560P 50V	1	[M]
C577	ECBT1H103KB5	0.01 50V	1	[M]
C578	ECBT1H103KB5	0.01 50V	1	[M]
C579	ECA1CAK330XB	33 16V	1	[M]
C580	ECA1CAK330XB	33 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C581	ECBT1H121KB5	120P 50V	1	[M]
C582	ECBT1H121KB5	120P 50V	1	[M]
C585	ECA1CAK330XB	33 16V	1	[M]
C586	ECA1CAK100XB	10 16V	1	[M]
C601	ECA1JAM330XB	33 63V	1	[M]
C602	ECA1JAM330XB	33 63V	1	[M]
C603	ECBT1H821KB5	820P 50V	1	[M]
C604	ECBT1H821KB5	820P 50V	1	[M]
C607	ECCR1H180KC5	18P 50V	1	[M]
C608	ECCR1H180KC5	18P 50V	1	[M]
C611	ECQV1H473JZ3	0.047 50V	1	[M]
C612	ECQV1H473JZ3	0.047 50V	1	[M]
C615	ECBT1H103KB5	0.01 50V	1	[M]
C616	ECA1HAM470XB	47 50V	1	[M]
C617	ECEA2AN2R2SB	2.2 100V	1	[M]
C618	ECBT1H102KB5	1000P 50V	1	[M]
C619	ECA1EAM101XB	100 25V	1	[M]
C621	ECA2AAM330XB	33 100V	1	[M]
C622	ECA2AAM330XB	33 100V	1	[M]
C625	ECEA1HN100SB	10 50V	1	[M]
C626	ECEA1HN100SB	10 50V	1	[M]
C641	ECA1JAM330XB	33 63V	1	[M]
C642	ECBT1H821KB5	820P 50V	1	[M]
C643	ECCR1H180KC5	18P 50V	1	[M]
C644	ECQV1H473JZ3	0.047 50V	1	[M]
C646	ECQE2104KF3	0.1 250V	1	[M]
C651	ECA1JAM330XB	33 63V	1	[M]
C652	ECA1JAM330XB	33 63V	1	[M]
C653	ECBT1H821KB5	820P 50V	1	[M]
C654	ECBT1H821KB5	820P 50V	1	[M]
C657	ECCR1H100K5	10P 50V	1	[M]
C658	ECCR1H100K5	10P 50V	1	[M]
C661	ECQV1H473JZ3	0.047 50V	1	[M]
C662	ECQV1H473JZ3	0.047 50V	1	[M]
C666	ECA1EAM101XB	100 25V	1	[M]
C667	ECEA2AN2R2SB	2.2 100V	1	[M]
C668	ECBT1H102KB5	1000P 50V	1	[M]
C671	ECA2AAM330XB	33 100V	1	[M]
C672	ECA2AAM330XB	33 100V	1	[M]
C685	ECBT1H103KB5	0.01 50V	1	[M]
C691	ECBT1H103KB5	0.01 50V	1	[M]
C701	ECBT1H103KB5	0.01 50V	1	[M]
C702	ECQE2104KF3	0.1 250V	1	[M]
C703	ECES75V752UM	7500 75V	1	[M] ⚠
C704	ECES75V752UM	7500 75V	1	[M] ⚠
C705	EC0S1VP562BB	5600P 35V	1	[M] ⚠
C706	EC0S1VP562BB	5600P 35V	1	[M] ⚠
C707	ECA1VAM101XB	100 35V	1	[M]
C708	ECKR1H103ZF5	0.01 50V	1	[M]
C709	ECA1CAK330XB	33 16V	1	[M]
C710	ECBT1H103KB5	0.01 50V	1	[M]
C711	ECKR1H103ZF5	0.01 50V	1	[M]
C712	ECA1HAK100XB	10 50V	1	[M]

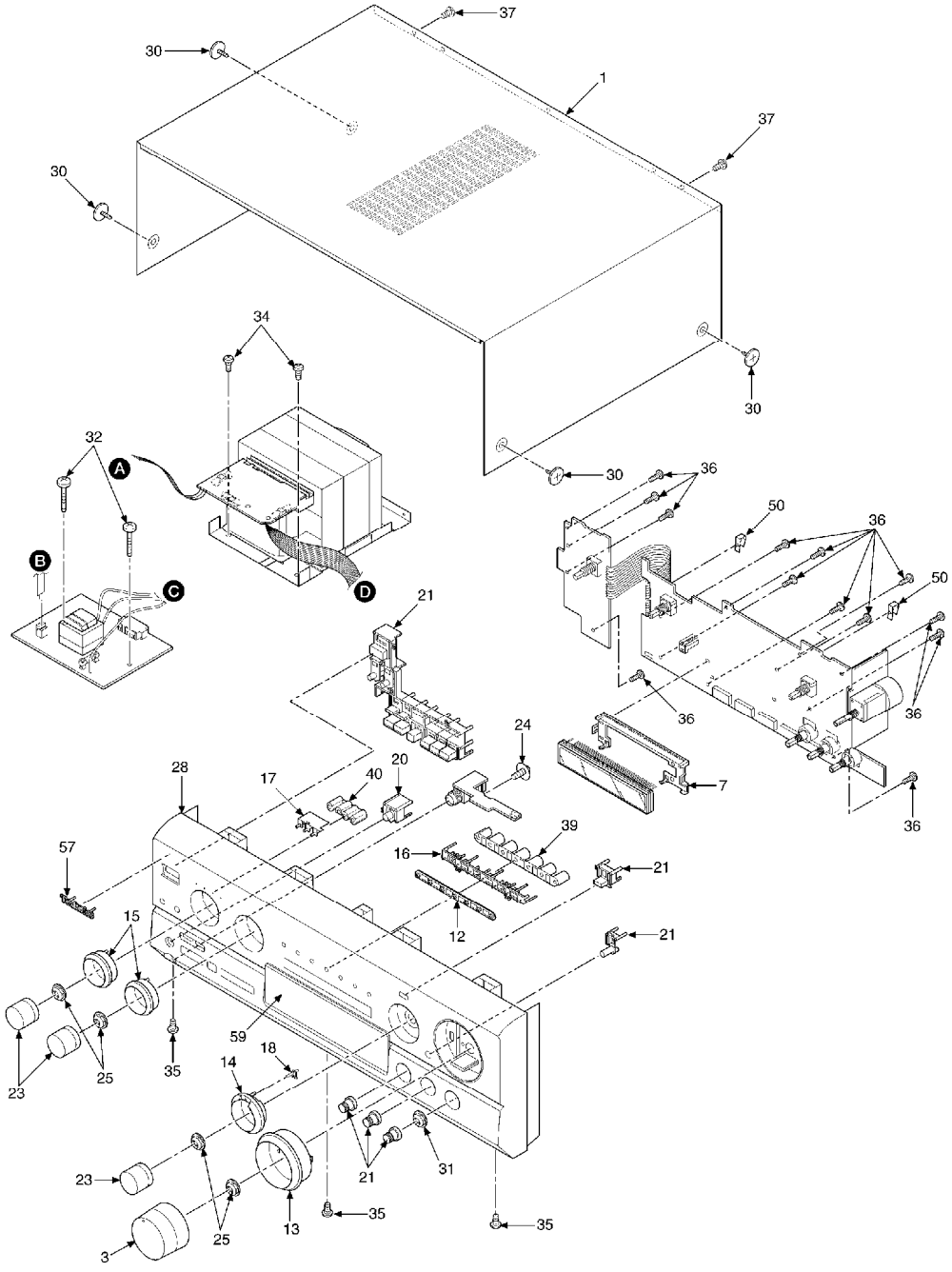
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C713	ECKR1H103ZF5	0.01 50V	1	[M]
C714	ECA1EAK470XB	47 25V	1	[M]
C715	ECA1CAK101XB	100 16V	1	[M]
C721	ECQE2104KF3	0.1 250V	1	[M]
C722	ECQE2104KF3	0.1 250V	1	[M]
C741	ECQE2104KF3	0.1 250V	1	[M]
C742	ECA1CM222E	2200 16V	1	[M]
C751	ECKWRS102MBC	1000P 400V	1	[M] ⚠
C752	ECKR1H103ZF5	0.01 50V	1	[M]
C753	ECA1EAM331XB	330 25V	1	[M] ⚠
C754	ECBT1H103KB5	0.01 50V	1	[M]
C755	ECA1CAK470XB	47 16V	1	[M]
C757	ECA1CAK100XB	10 16V	1	[M]
C758	ECA1CAK101XB	100 16V	1	[M]
C771	ECA1HAK4R7XB	4.7 50V	1	[M]
C772	ECA1HAK4R7XB	4.7 50V	1	[M]
C773	ECBT1H104KB5	0.1 50V	1	[M]
C774	ECA0JAK101XB	100 6.3V	1	[M]
C775	ECA1CAK100XB	10 16V	1	[M]
C776	ECA1HAK010XB	1 50V	1	[M]
C777	ECA1CAM221XB	220 16V	1	[M]
C778	ECA1CAK101XB	100 16V	1	[M]
C779	ECA1CAK101XB	100 16V	1	[M]
C780	ECA1CAM471XB	470 16V	1	[M]
C781	ECBT1H103KB5	0.01 50V	1	[M]
C891	ECA1CAK100XB	10 16V	1	[M]
C894	ECBT1H101KB5	100P 50V	1	[M]
C895	ECBT1H101KB5	100P 50V	1	[M]
C901	ECEA0JU102B	1000 6.3V	1	[M]
C902	ECBT1H104KB5	0.1 50V	1	[M]
C903	ECBT1H103KB5	0.01 50V	1	[M]
C904	ECEA0JU102B	1000 6.3V	1	[M]
C905	ECBT1H103KB5	0.01 50V	1	[M]
C906	ECA0JAK101XB	100 6.3V	1	[M]
C908	ECBT1H103KB5	0.01 50V	1	[M]
C909	ECA1HAK220XB	22 50V	1	[M]
C910	ECA1HAK220XB	22 50V	1	[M]
C911	ECA1HAK220XB	22 50V	1	[M]
C912	ECA1HAK220XB	22 50V	1	[M]
C913	ECA1HAK100XB	10 50V	1	[M]
C914	ECA1HAK100XB	10 50V	1	[M]
C916	ECA1HAK010XB	1 50V	1	[M]
C920	ECA1HAK010XB	1 50V	1	[M]
C921	ECBT1H331KB5	330P 50V	1	[M]
C922	ECBT1H331KB5	330P 50V	1	[M]
C923	ECBT1H331KB5	330P 50V	1	[M]
C924	ECBT1H331KB5	330P 50V	1	[M]
C925	ECBT1H331KB5	330P 50V	1	[M]
C926	ECBT1H331KB5	330P 50V	1	[M]
C927	ECBT1H331KB5	330P 50V	1	[M]
C928	ECBT1H331KB5	330P 50V	1	[M]
C929	ECBT1H331KB5	330P 50V	1	[M]
C930	ECBT1H331KB5	330P 50V	1	[M]

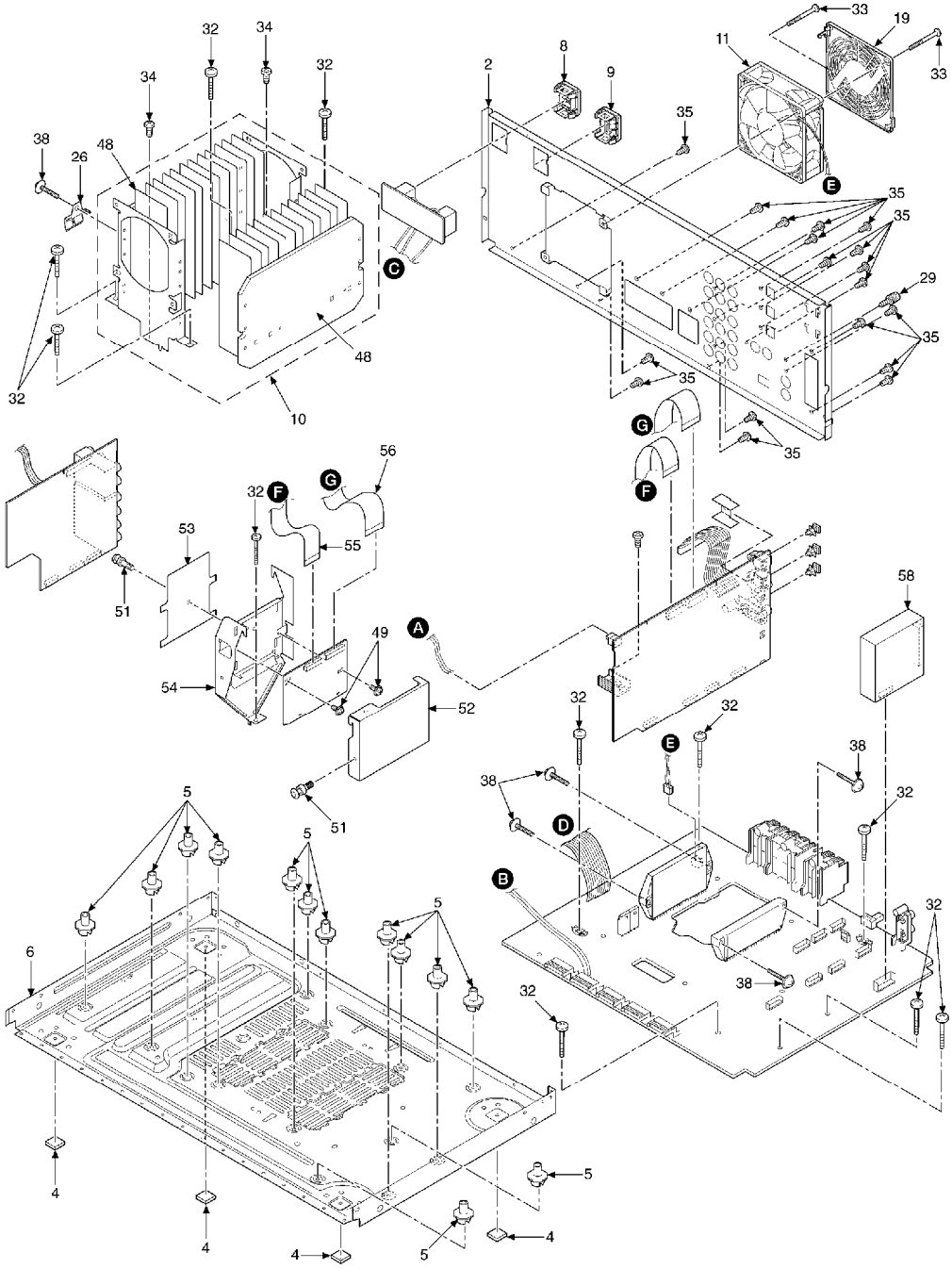
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C932	ECBT1H101KB5	100P 50V	1	[M]
C933	ECBT1H101KB5	100P 50V	1	[M]
C955	ECBT1H101KB5	100P 50V	1	[M]
C980	ECA1HAK4R7XB	4.7 50V	1	[M]
C991	ECBT1H101KB5	100P 50V	1	[M]
C992	ECBT1H101KB5	100P 50V	1	[M]
C993	ECBT1H101KB5	100P 50V	1	[M]
C994	ECBT1H101KB5	100P 50V	1	[M]
C995	ECBT1H101KB5	100P 50V	1	[M]
C996	ECBT1H101KB5	100P 50V	1	[M]
C997	ECA1CAK100XB	10 16V	1	[M]
C998	ECBT1H103KB5	0.01 50V	1	[M]
C1003	ECEV0JA101SP	100 6.3V	1	[M]
C1004	ECEV0JA101SP	100 6.3V	1	[M]
C1005	ECEV0JA101SP	100 6.3V	1	[M]
C1006	ECEV0JA101SP	100 6.3V	1	[M]
C1007	ECEV1HA2R2SR	2.2 50V	1	[M]
C1008	ECEV0JA101SP	100 6.3V	1	[M]
C1009	ECEV0JA101SP	100 6.3V	1	[M]
C1010	ECEV0JA101SP	100 6.3V	1	[M]
C1011	ECEV0JA101SP	100 6.3V	1	[M]
C1024	ECUVNC104ZFV	0.1 16V	1	[M]
C1025	ECUVNC104ZFV	0.1 16V	1	[M]
C1026	ECUVNC104ZFV	0.1 16V	1	[M]
C1027	ECUVNC104ZFV	0.1 16V	1	[M]
C1029	ECUVNC104ZFV	0.1 16V	1	[M]
C1030	ECUV1H471JCV	470P 50V	1	[M]
C1031	ECUV1E103KBV	0.01 25V	1	[M]
C1032	ECUVNC104ZFV	0.1 16V	1	[M]
C1033	ECUV1H270JCV	27P 50V	1	[M]
C1034	ECUV1H101JCV	100P 50V	1	[M]
C1035	ECUV1H390JCV	39P 50V	1	[M]
C1036	ECUV1H101JCV	100P 50V	1	[M]
C1037	ECUV1H102KBV	1000P 50V	1	[M]
C1038	ECUV1H102KBV	1000P 50V	1	[M]
C1039	ECUV1H101JCV	100P 50V	1	[M]
C1040	ECUVNC104ZFV	0.1 16V	1	[M]
C1041	ECUVNC104ZFV	0.1 16V	1	[M]
C1042	ECUV1H102KBV	1000P 50V	1	[M]
C1043	ECUVNC104ZFV	0.1 16V	1	[M]
C1044	ECUV1H101JCV	100P 50V	1	[M]
C1045	ECUV1H101JCV	100P 50V	1	[M]
C1046	ECUV1H102KBV	1000P 50V	1	[M]
C1047	ECUV1H102KBV	1000P 50V	1	[M]
C1048	ECUVNC104ZFV	0.1 16V	1	[M]
C1049	ECUV1H102KBV	1000P 50V	1	[M]
C1050	ECUV1H102KBV	1000P 50V	1	[M]
C1051	ECUV1H152KBV	1500P 50V	1	[M]
C1052	ECUV1E103KBV	0.01 25V	1	[M]
C1053	ECUVNC104ZFV	0.1 16V	1	[M]
C1201	ECBT1C332KR5	3300P 16V	1	[M]
C1202	ECBT1C332KR5	3300P 16V	1	[M]
C1203	ECA1CAK330XB	33 16V	1	[M]
C1204	ECA1CAK330XB	33 16V	1	[M]

Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C1205	ECBT1H471KB5	470P 50V	1	[M]
C1206	ECBT1H471KB5	470P 50V	1	[M]
C1209	ECCR1H391J5	390P 50V	1	[M]
C1210	ECCR1H391J5	390P 50V	1	[M]
C1211	ECBT1H103KB5	0.01 50V	1	[M]
C1212	ECBT1H103KB5	0.01 50V	1	[M]
C1213	ECA1CAK100XB	10 16V	1	[M]
C1214	ECA1CAK100XB	10 16V	1	[M]
C1215	ECBT1H104KB5	0.1 50V	1	[M]
C1216	ECA1CAK330XB	33 16V	1	[M]
C1217	ECBT1H103KB5	0.01 50V	1	[M]
C1218	ECA1CAK100XB	10 16V	1	[M]
C1219	ECBT1H103KB5	0.01 50V	1	[M]
C1221	ECQV1H224JZ3	0.22 50V	1	[M]
C1222	ECBT1C332KR5	3300P 16V	1	[M]
C1223	ECBT1C472KR5	4700P 16V	1	[M]
C1224	ECBT1C472KR5	4700P 16V	1	[M]
C1225	ECA1CAK330XB	33 16V	1	[M]
C1226	ECA1CAK330XB	33 16V	1	[M]
C1227	ECBT1C392KR5	3900P 16V	1	[M]
C1228	ECBT1C392KR5	3900P 16V	1	[M]
C1229	ECBT1H331KB5	330P 50V	1	[M]
C1230	ECBT1H331KB5	330P 50V	1	[M]
C1231	ECBT1H103KB5	0.01 50V	1	[M]
C1232	ECBT1H103KB5	0.01 50V	1	[M]
C1233	ECA1CAK100XB	10 16V	1	[M]
C1234	ECA1CAK100XB	10 16V	1	[M]
C1235	ECBT1C472KR5	4700P 16V	1	[M]
C1236	ECBT1H104KB5	0.1 50V	1	[M]
C1237	ECA1CAK330XB	33 16V	1	[M]
C1238	ECA1HAK4R7XB	4.7 50V	1	[M]
C1239	ECBT1C392KR5	3900P 16V	1	[M]
C1241	ECBT1H331KB5	330P 50V	1	[M]
C1242	ECA1HAK4R7XB	4.7 50V	1	[M]
C1243	ECA1HAK4R7XB	4.7 50V	1	[M]
C1244	ECA1HAK4R7XB	4.7 50V	1	[M]
C1245	ECA1HAK4R7XB	4.7 50V	1	[M]
C1246	ECA1HAK4R7XB	4.7 50V	1	[M]
C1248	ECBT1C332KR5	3300P 16V	1	[M]
C1249	ECQV1H474JM3	0.47 50V	1	[M]
C1251	ECBT1H103KB5	0.01 50V	1	[M]
C1252	ECBT1H103KB5	0.01 50V	1	[M]
C1260	ECA1CAK100XB	10 16V	1	[M]
C1261	ECA1CAK100XB	10 16V	1	[M]
C1262	ECA1CAK100XB	10 16V	1	[M]
C1263	ECBT1H391KB5	390P 50V	1	[M]
C1264	ECBT1H391KB5	390P 50V	1	[M]
C1265	ECBT1H151KB5	150P 50V	1	[M]
C1266	ECBT1H151KB5	150P 50V	1	[M]
C1267	ECEA1CKN100B	10 16V	1	[M]
C1268	ECEA1CKN100B	10 16V	1	[M]
C1269	ECEA1CKN100B	10 16V	1	[M]
C1270	ECEA1CKN100B	10 16V	1	[M]
C1271	ECA1CAK100XB	10 16V	1	[M]

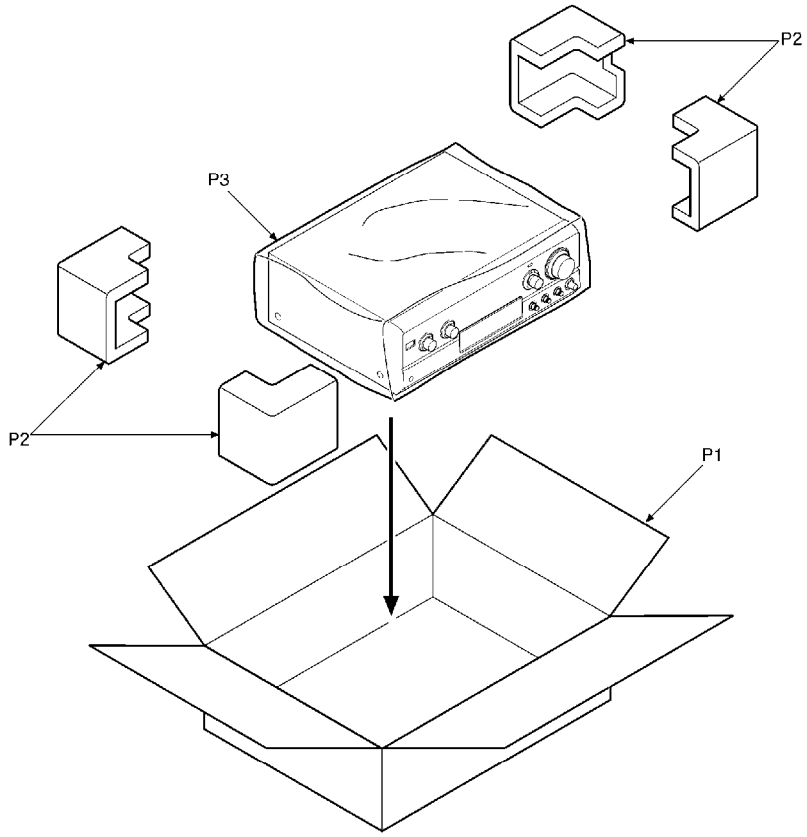
Ref. No.	Part No.	Part Name & Description	Pcs.	Remarks
C1272	ECBT1H103KB5	0.01 50V	1	[M]
C1273	ECA1CAK330XB	33 16V	1	[M]
C1274	ECA1CAK330XB	33 16V	1	[M]
C1275	ECQV1H473JZ3	0.047 50V	1	[M]
C1281	ECA1HAK4R7XB	4.7 50V	1	[M]
C1282	ECA1HAK4R7XB	4.7 50V	1	[M]
C1283	ECA1HAK4R7XB	4.7 50V	1	[M]
C1284	ECA1HAK4R7XB	4.7 50V	1	[M]
C1285	ECA1CAK100XB	10 16V	1	[M]
C1286	ECA1CAK100XB	10 16V	1	[M]
C1287	ECA1EPXS100B	10 25V	1	[M]
C1288	ECBT1H103KB5	0.01 50V	1	[M]
C1289	ECBT1H103KB5	0.01 50V	1	[M]
C1290	ECBT1H103KB5	0.01 50V	1	[M]
C1291	ECBT1H101KB5	100P 50V	1	[M]
C1292	ECBT1H101KB5	100P 50V	1	[M]
C1293	ECQV1H393JZ3	0.039 50V	1	[M]
C1294	ECBT1H103KB5	0.01 50V	1	[M]
C1295	ECA1CAK220XB	22 16V	1	[M]
C1296	ECQV1H473JZ3	0.047 50V	1	[M]
C1297	ECA1HAK2R2XB	2.2 50V	1	[M]
C1298	ECA1HAK2R2XB	2.2 50V	1	[M]
C1301	ECBT1H150J5	15P 50V	1	[M]
C1302	ECBT1H103KB5	0.01 50V	1	[M]
C1303	ECBT1H104KB5	0.1 50V	1	[M]
C1304	ECBT1H150J5	15P 50V	1	[M]
C1305	ECBT1H103KB5	0.01 50V	1	[M]
C1306	ECBT1H104KB5	0.1 50V	1	[M]
C1307	ECBT1H103KB5	0.01 50V	1	[M]
C1308	ECBT1H150J5	15P 50V	1	[M]
C1309	ECBT1H104KB5	0.1 50V	1	[M]
C1310	ECBT1H104KB5	0.1 50V	1	[M]
C1313	ECA1EPXS470B	47 25V	1	[M]
C1318	ECBT1H103KB5	0.01 50V	1	[M]
C1319	ECBT1H104KB5	0.1 50V	1	[M]
C1320	ECBT1H104KB5	0.1 50V	1	[M]
C1685	ECBT1H103KB5	0.01 50V	1	[M]
C1702	ECA1CM222E	2200 16V	1	[M] ⚠
C1705	ECA1HAK010XB	1 50V	1	[M]
C1706	ECBT1H103KB5	0.01 50V	1	[M]
C1707	ECA1CAK101XB	100 16V	1	[M]
C1710	ECA0JAK470XB	47 6.3V	1	[M]
C1711	ECA1CAK100XB	10 16V	1	[M]
C1901	ECBT1H104KB5	0.1 50V	1	[M]
C1902	ECA0JAK101XB	100 6.3V	1	[M]
C1903	ECBT1H103KB5	0.01 50V	1	[M]
C1904	ECA1HAK010XB	1 50V	1	[M]
C1905	ECBT1H103KB5	0.01 50V	1	[M]
C1906	ECBT1H103KB5	0.01 50V	1	[M]
C1907	ECBT1H103KB5	0.01 50V	1	[M]
C1908	ECA1HAK010XB	1 50V	1	[M]
C1909	ECBT1C472MR5	4700P 16V	1	[M]
C1910	ECBT1H101KB5	100P 50V	1	[M]
C1911	ECBT1H102KB5	1000P 50V	1	[M]

14. Cabinet Parts Location





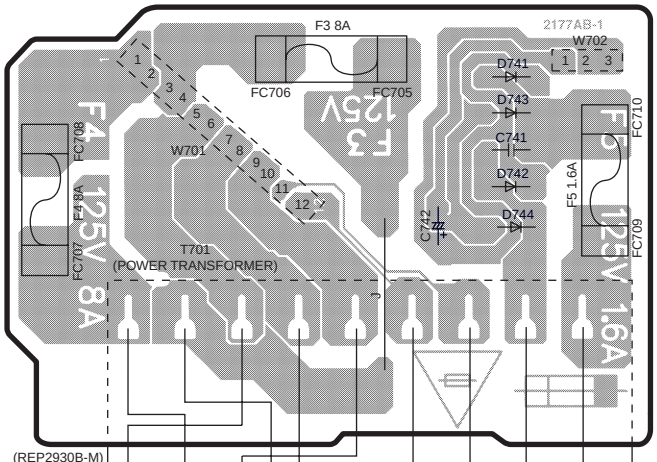
15. Packaging

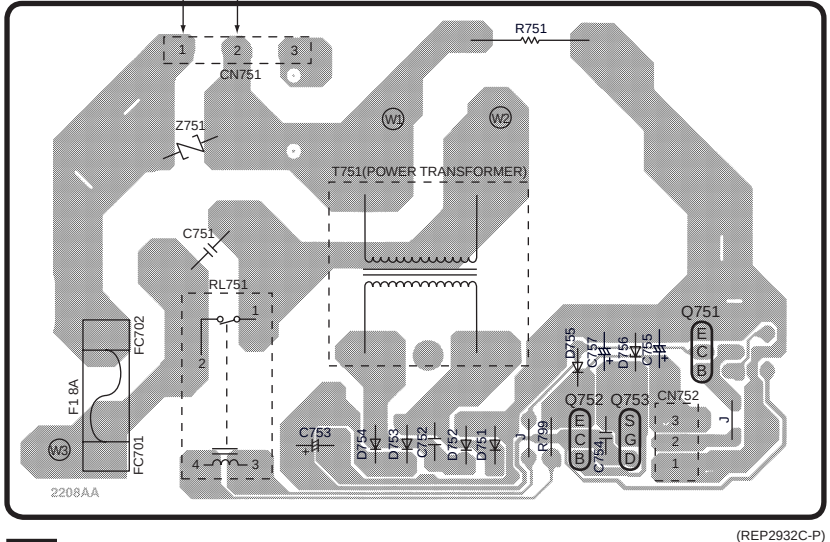

P2
P3
P2
P1

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.
H POWER SUPPLY P.C.B.			
Q751	6E	CN752	7E
Q752	7D	FC701	7B
Q753	7D	FC702	6B
D751	7D	W1	5C
D752	7D	W2	5D
D753	7C	W3	7B
D754	7C	R751	5D
D755	7D	R799	7D
D756	7D	C751	6B
T751	6C	C752	7C
Z751	6B	C753	7C
F1	7B	C754	7D
RL751	7C	C755	6D
CN751	5C	C757	6D
I POWER TRANSFORMER P.C.B.			
D741	2D	FC706	2C
D742	3D	FC707	3B
D743	2D	FC708	2B
D744	3D	FC709	3D
T701	3B	FC710	2D
F3	2C	W701	2B
F4	3B	W702	2D
F5	3D	C741	2D
FC705	2C	C742	3C

I POWER TRANSFORMER P.C.B.





(REP2932C-P)

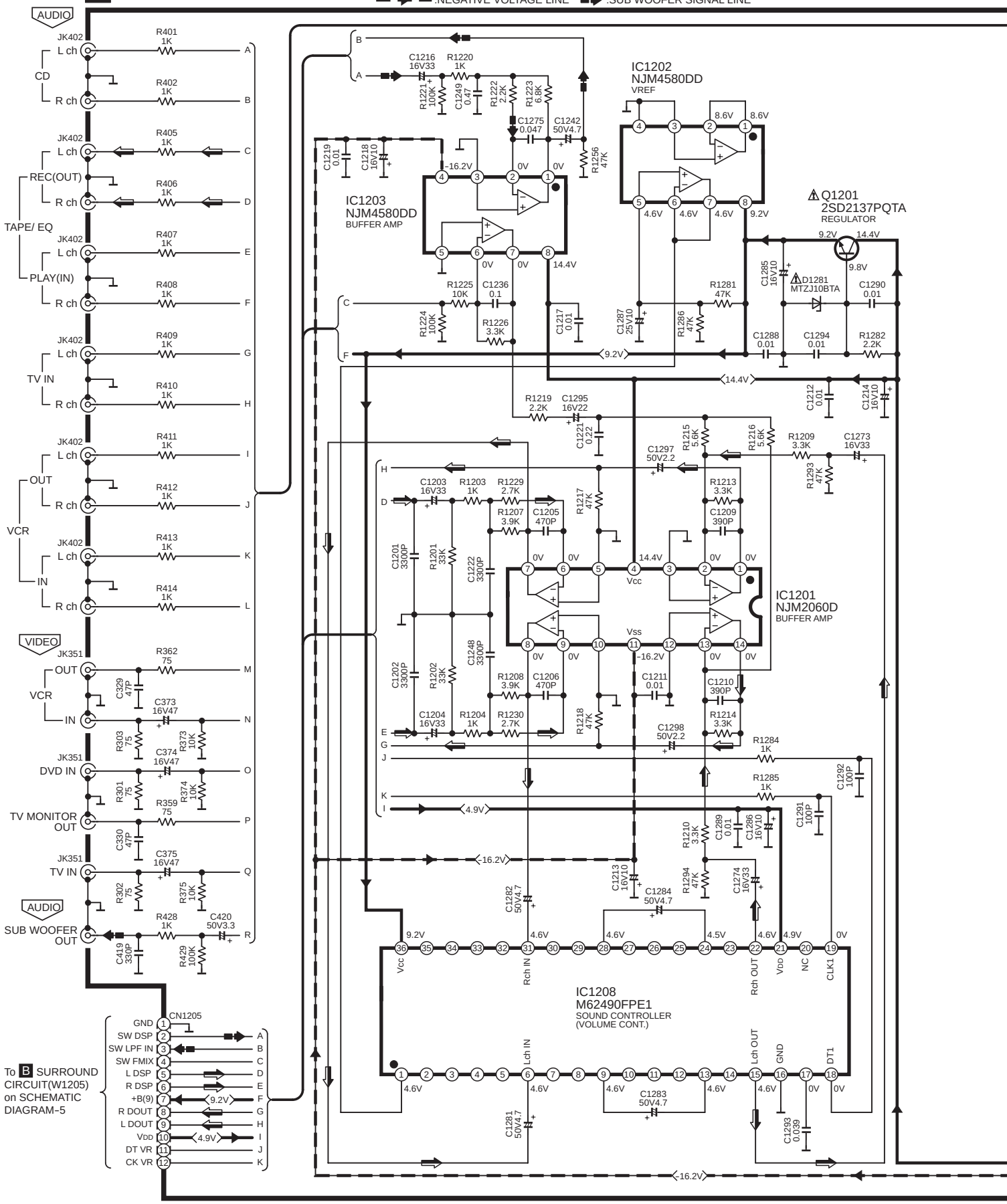
H POWER SUPPLY P.C.B.

SCHEMATIC DIAGRAM–1

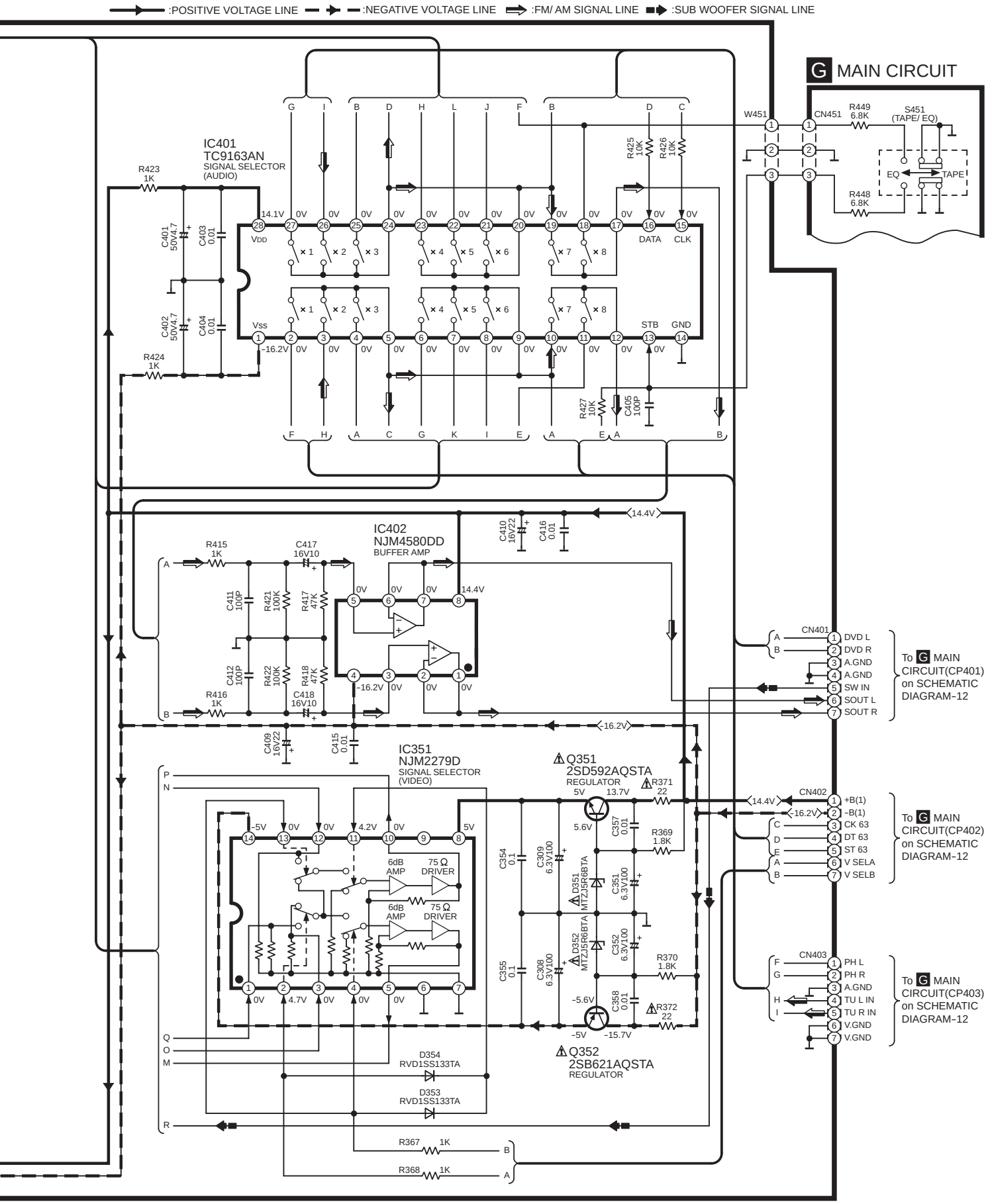
NOTE: The number which noted at the connectors on the schematic diagram as "SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2" indicates the schematic diagram serial number located on the left corner in the schematic diagram.

A IN/OUT TERMINAL CIRCUIT

:POSITIVE VOLTAGE LINE :NEGATIVE VOLTAGE LINE :FM/ AM SIGNAL LINE :SUB WOOFER SIGNAL LINE



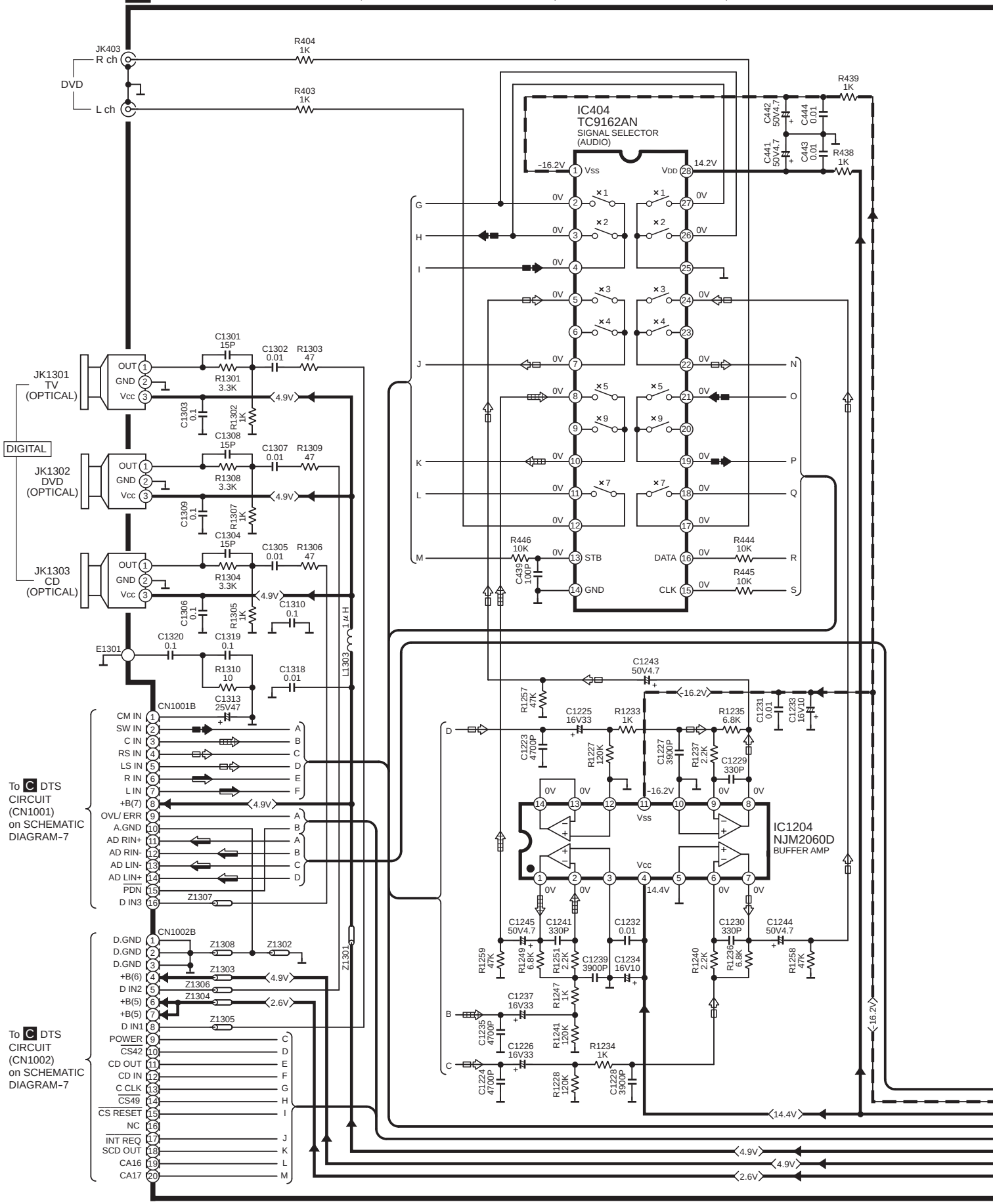
SCHEMATIC DIAGRAM–2



SCHEMATIC DIAGRAM–3

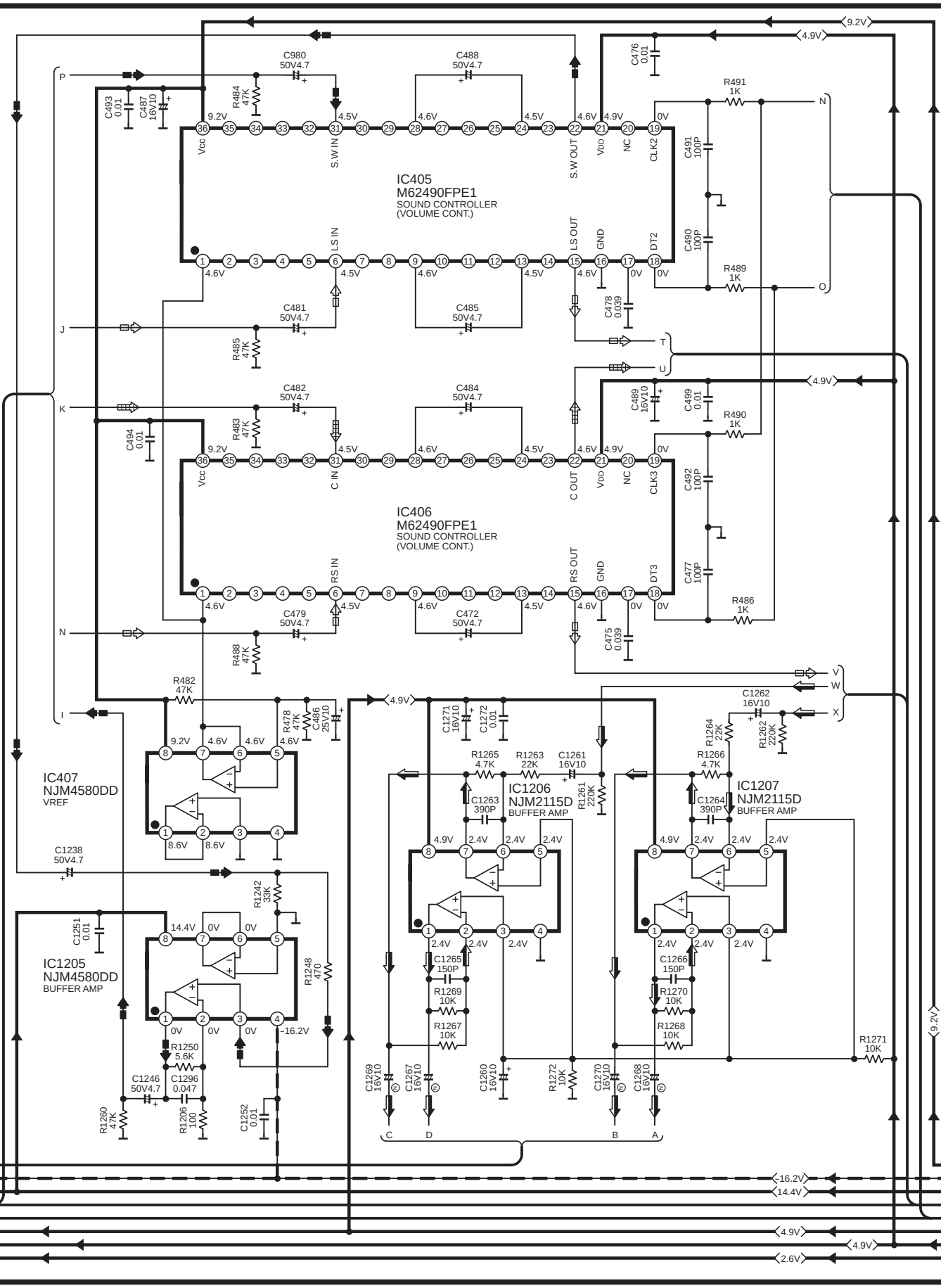
B SURROUND CIRCUIT

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:FM/ AM SIGNAL LINE
:CENTER SP SIGNAL LINE
:SURROUND SP SIGNAL LINE
:SUB WOOFER SIGNAL LINE



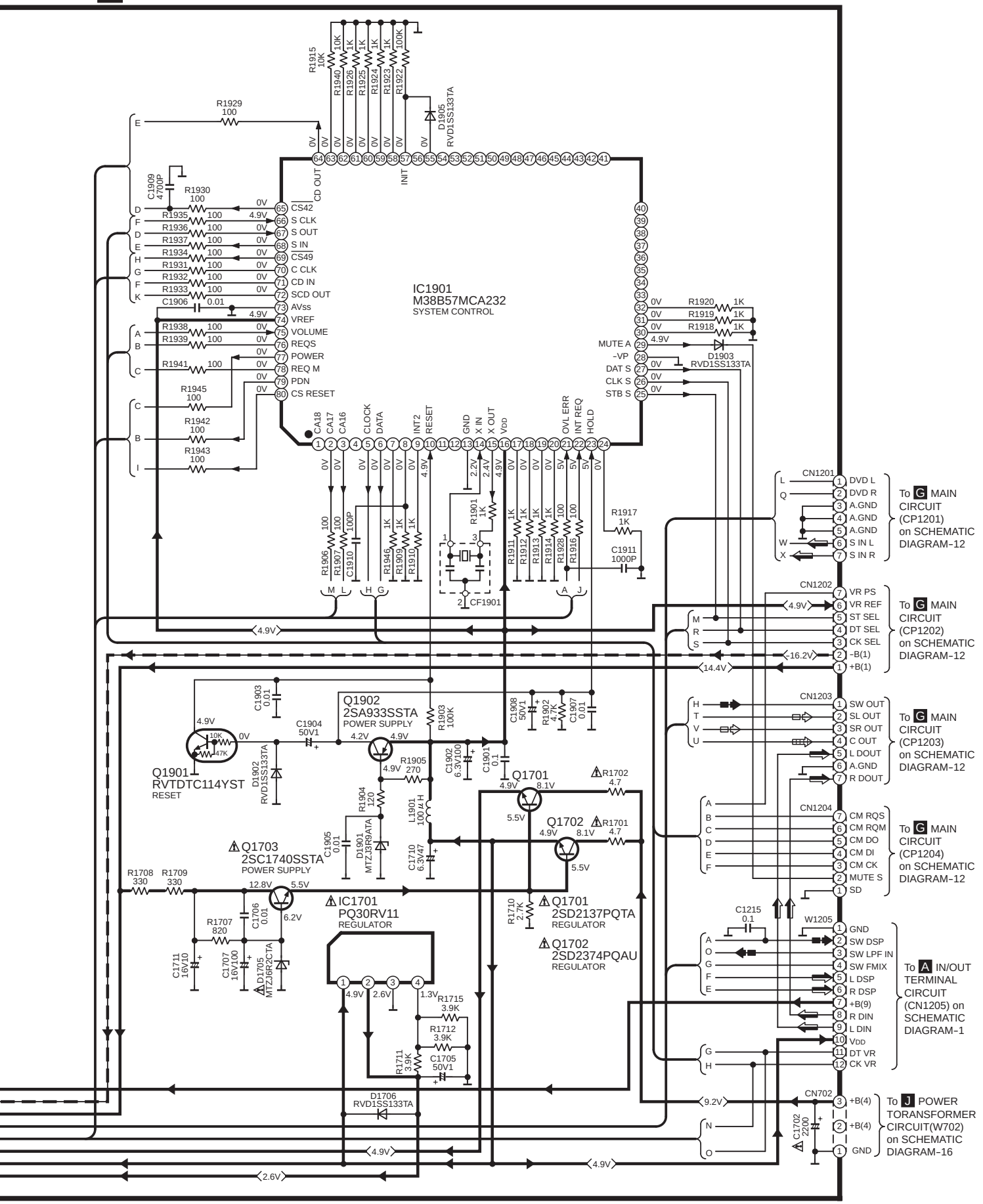
SCHEMATIC DIAGRAM–4

:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:FM/ AM SIGNAL LINE
:CENTER SP SIGNAL LINE
:SURROUND SP SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–5
B SURROUND CIRCUIT

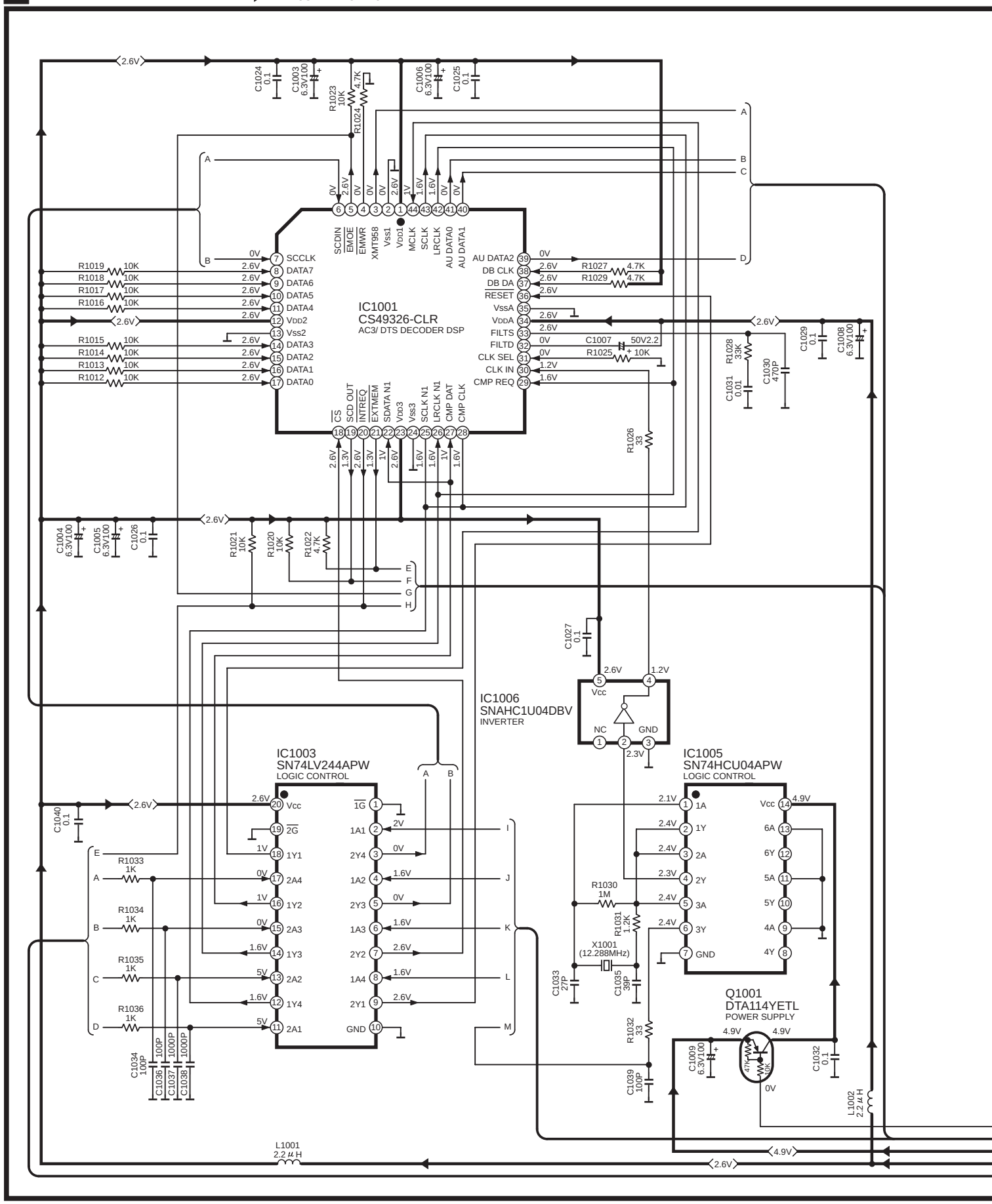
:POSITIVE VOLTAGE LINE
:NEGATIVE VOLTAGE LINE
:FM/ AM SIGNAL LINE
:CENTER SP SIGNAL LINE
:SURROUND SP SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–6

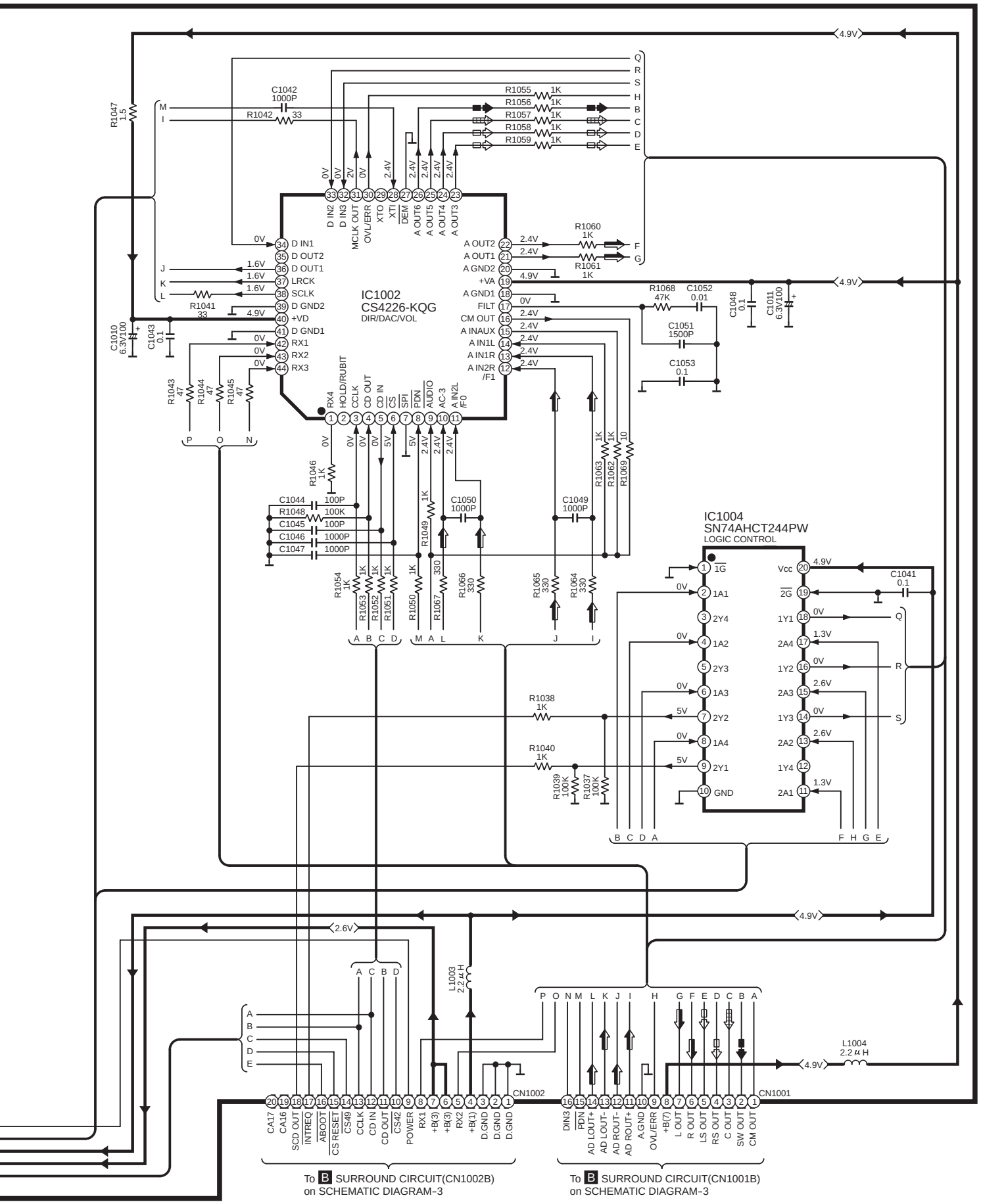
C DTS CIRCUIT

:POSITIVE VOLTAGE LINE



SCHEMATIC DIAGRAM–7

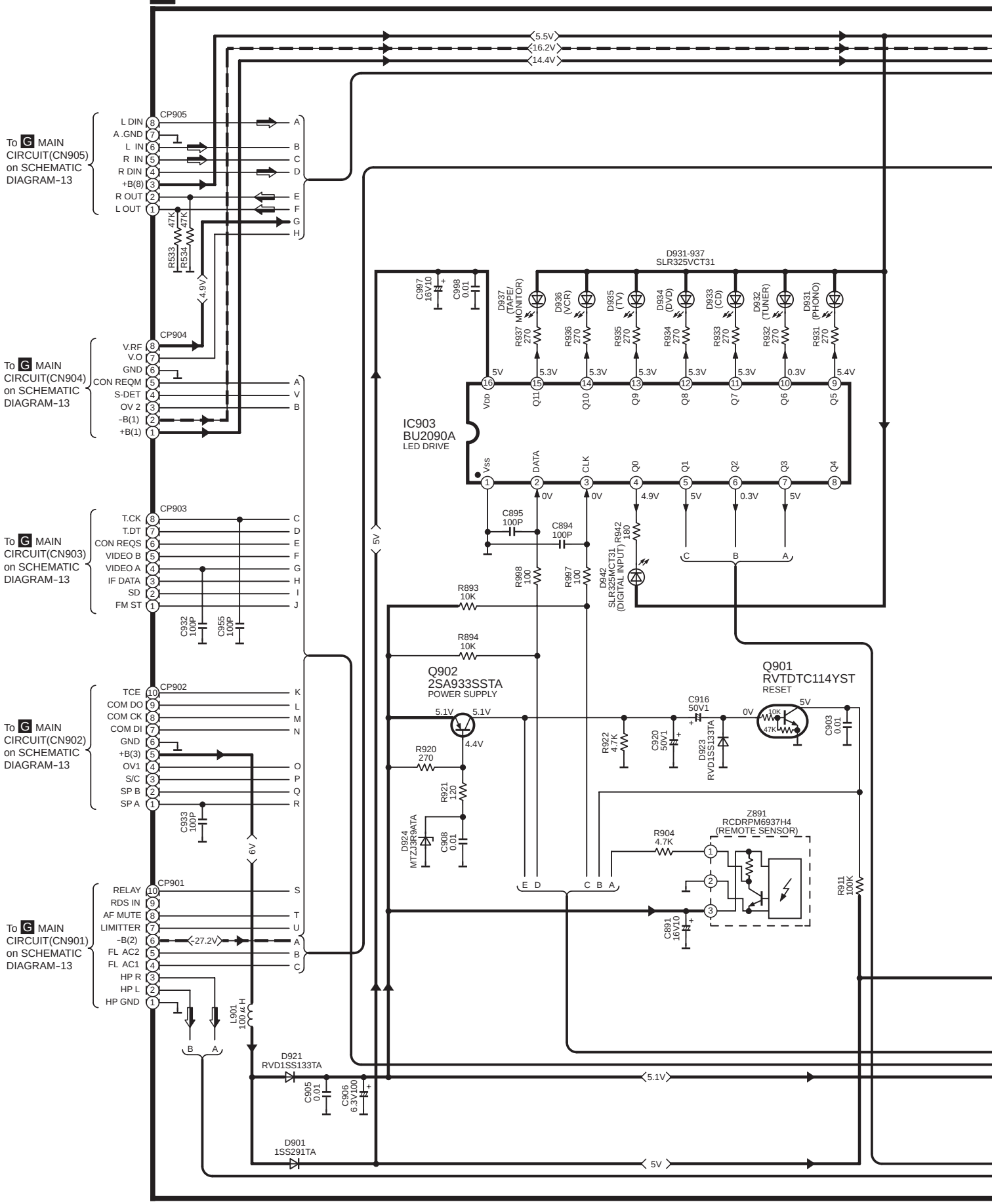
:POSITIVE VOLTAGE LINE
:FM/ AM SIGNAL LINE
:CENTER SP SIGNAL LINE
:SURROUND SP SIGNAL LINE
:SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–8

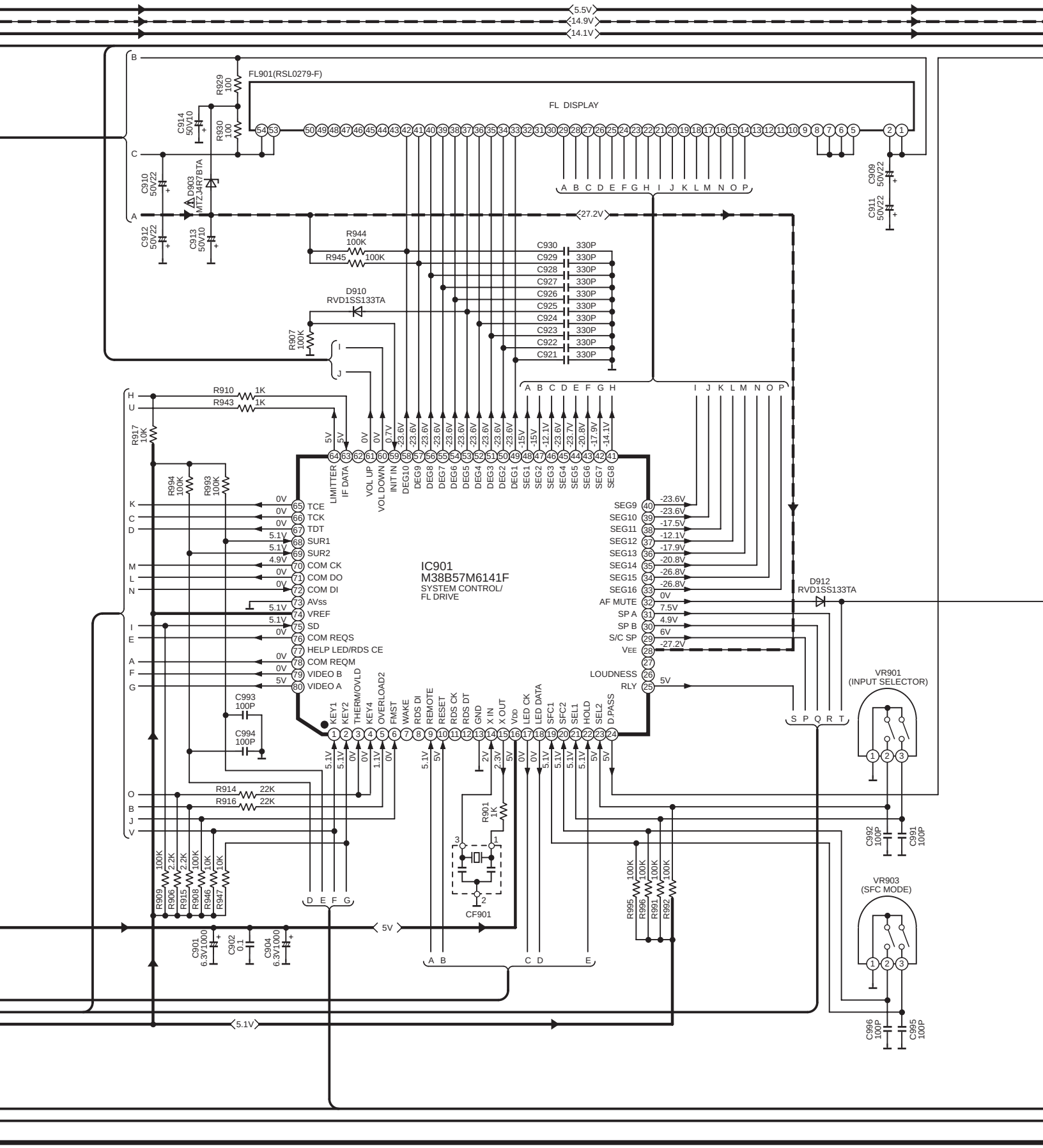
D FL CIRCUIT

:POSITIVE VOLTAGE LINE :NEGATIVE VOLTAGE LINE :FM/AM SIGNAL LINE



SCHEMATIC DIAGRAM–9

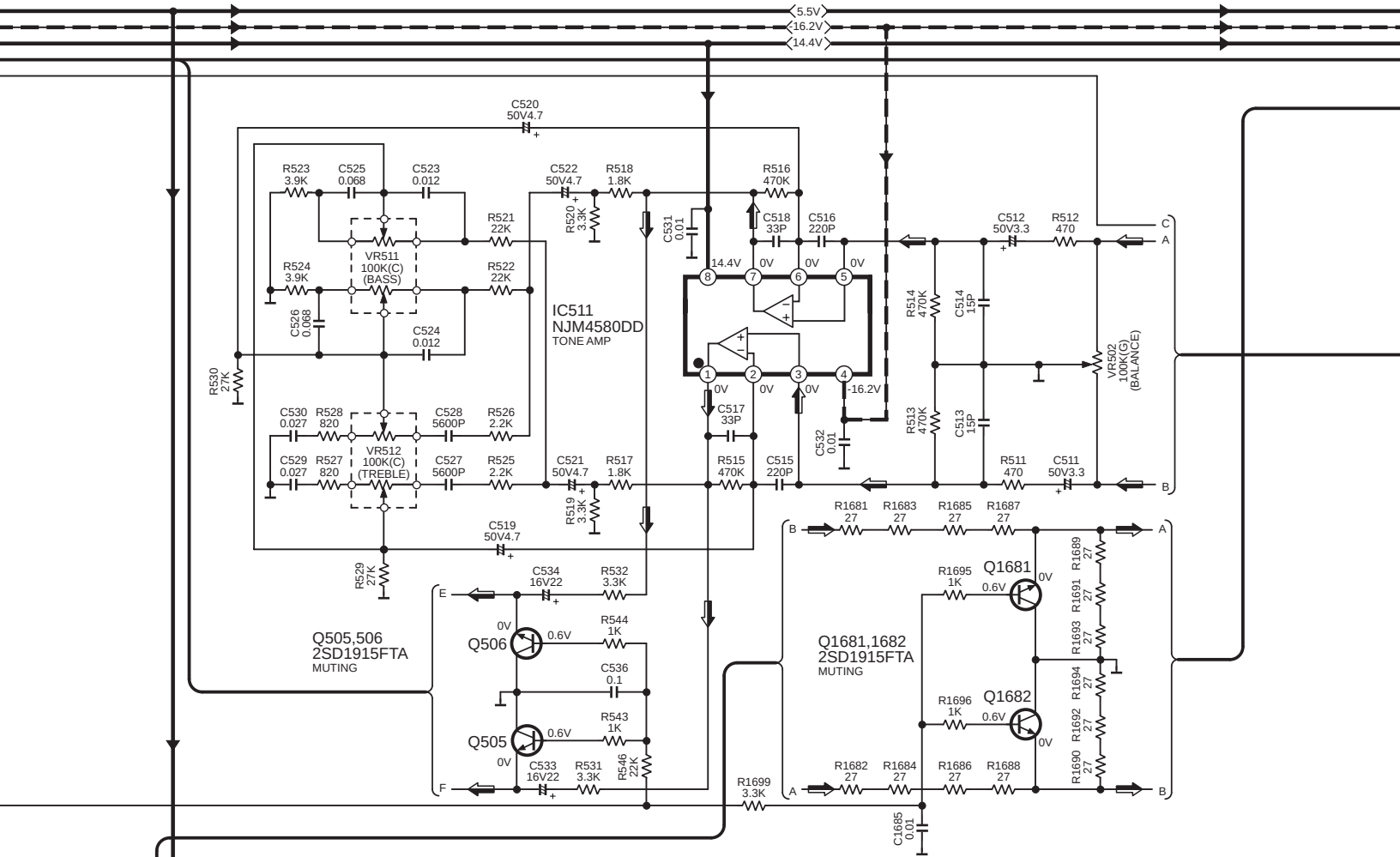
:POSITIVE VOLTAGE LINE — :NEGATIVE VOLTAGE LINE



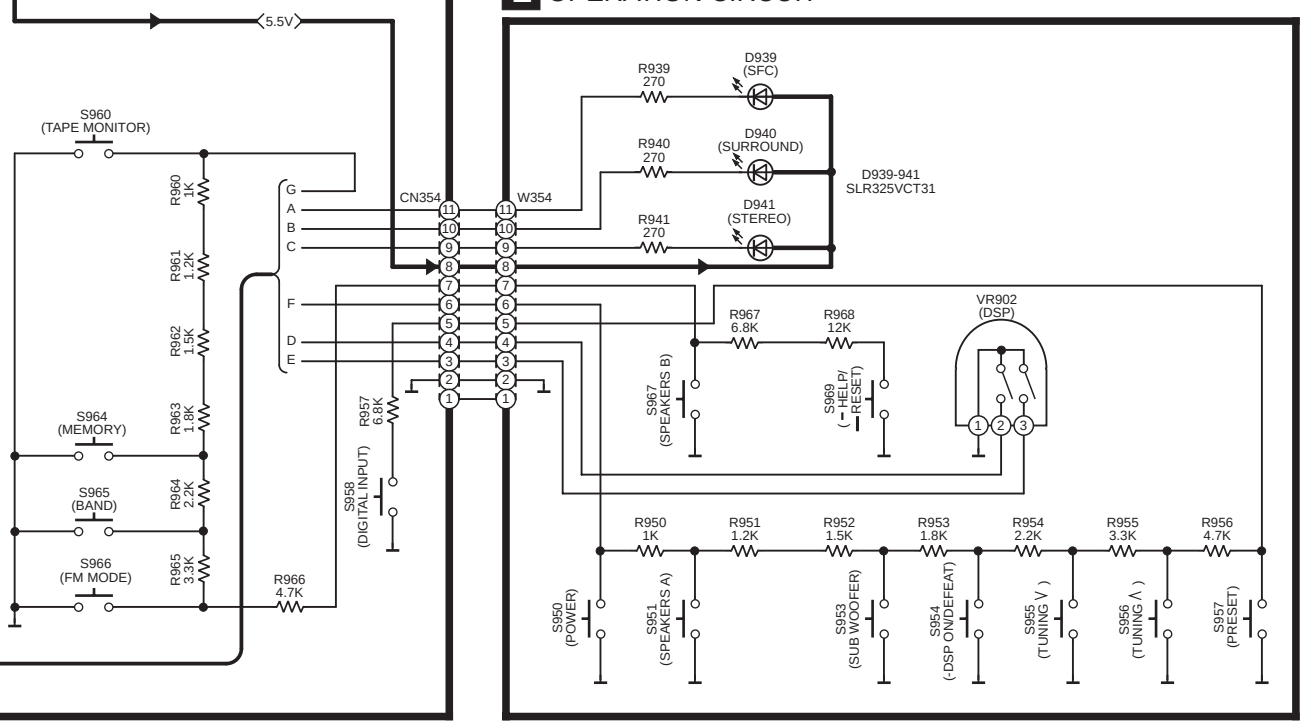
SCHEMATIC DIAGRAM–10

D FL CIRCUIT

:POSITIVE VOLTAGE LINE :NEGATIVE VOLTAGE LINE :FM/AM SIGNAL LINE



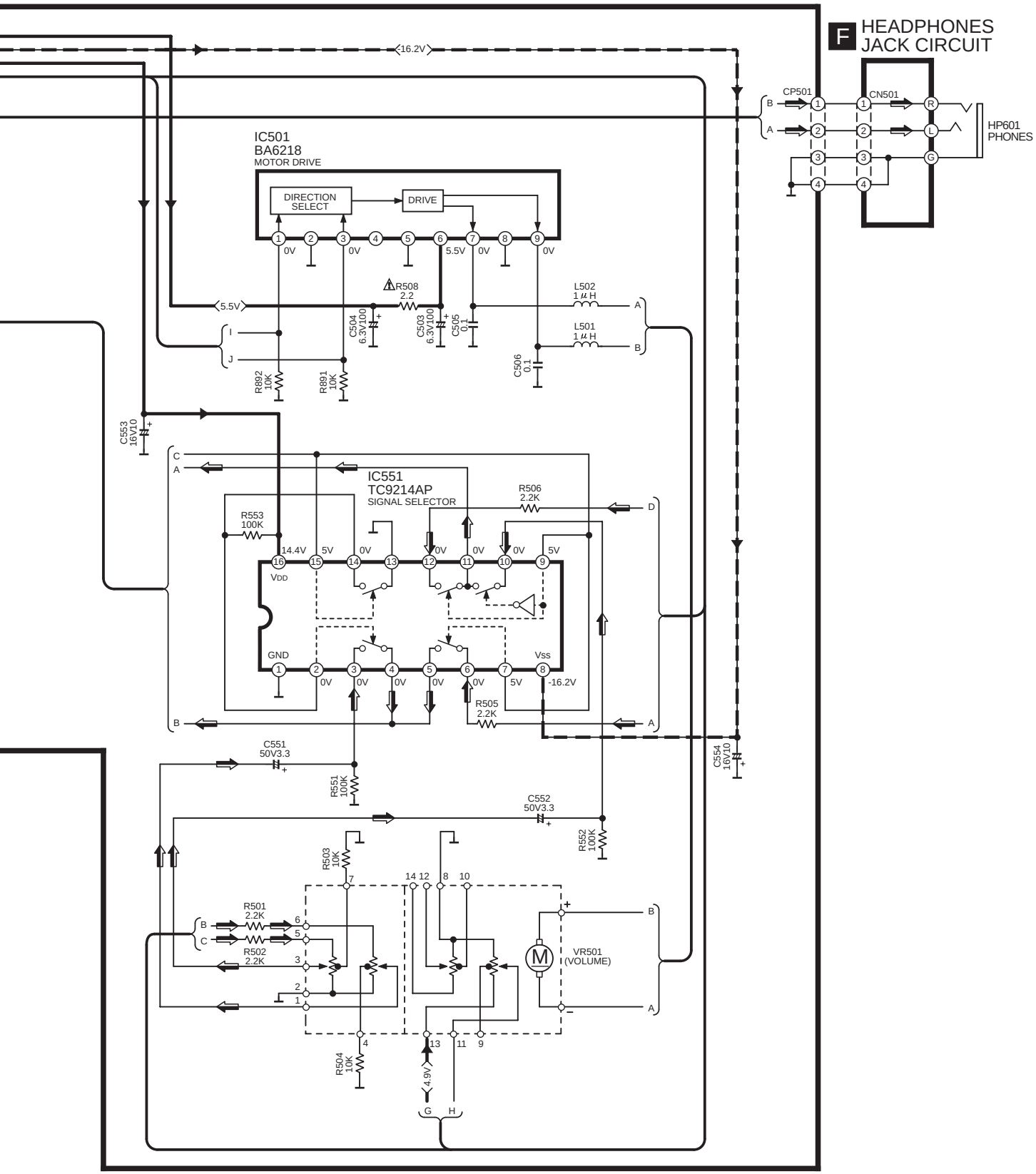
E OPERATION CIRCUIT



SCHEMATIC DIAGRAM–11

:POSITIVE VOLTAGE LINE :NEGATIVE VOLTAGE LINE :FM/AM SIGNAL LINE

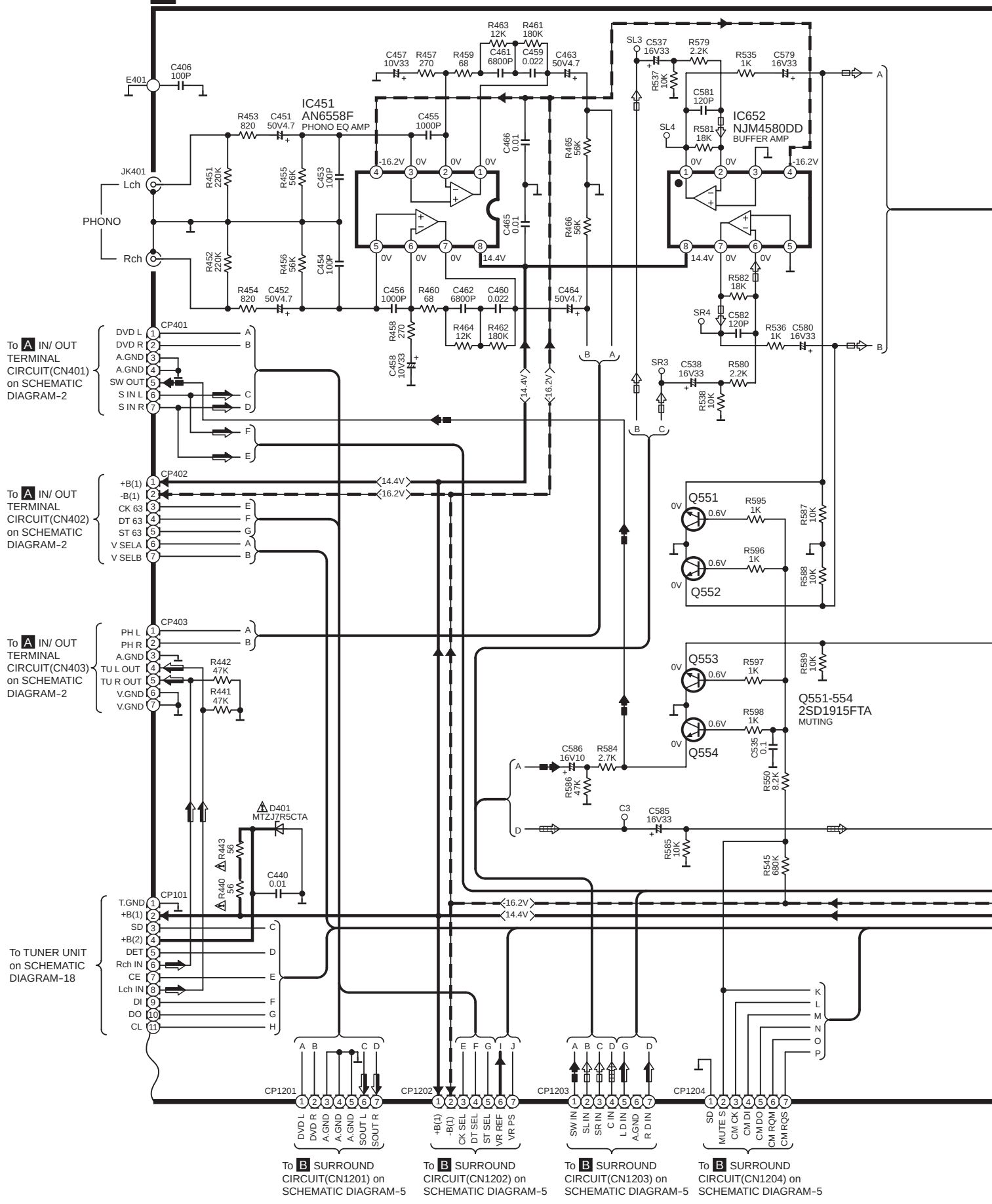
F HEADPHONES JACK CIRCUIT



SCHEMATIC DIAGRAM–12

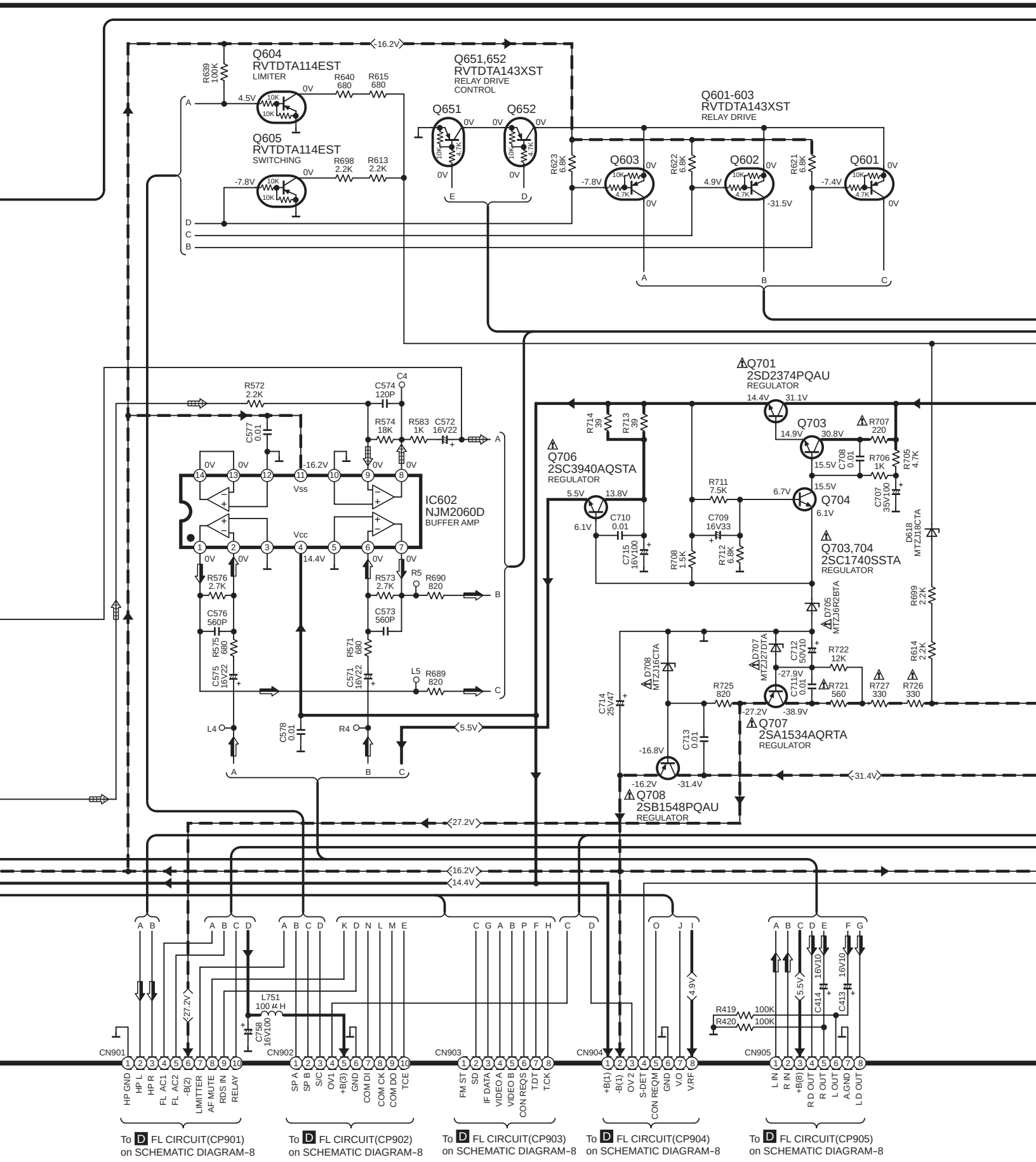
G MAIN CIRCUIT

:POSITIVE VOLTAGE LINE :FM/ AM SIGNAL LINE :SURROUND SP SIGNAL LINE
:NEGATIVE VOLTAGE LINE :CENTER SP SIGNAL LINE :SUB WOOFER SIGNAL LINE



SCHEMATIC DIAGRAM–13

:POSITIVE VOLTAGE LINE :FM/ AM SIGNAL LINE
:NEGATIVE VOLTAGE LINE :CENTER SP SIGNAL LINE

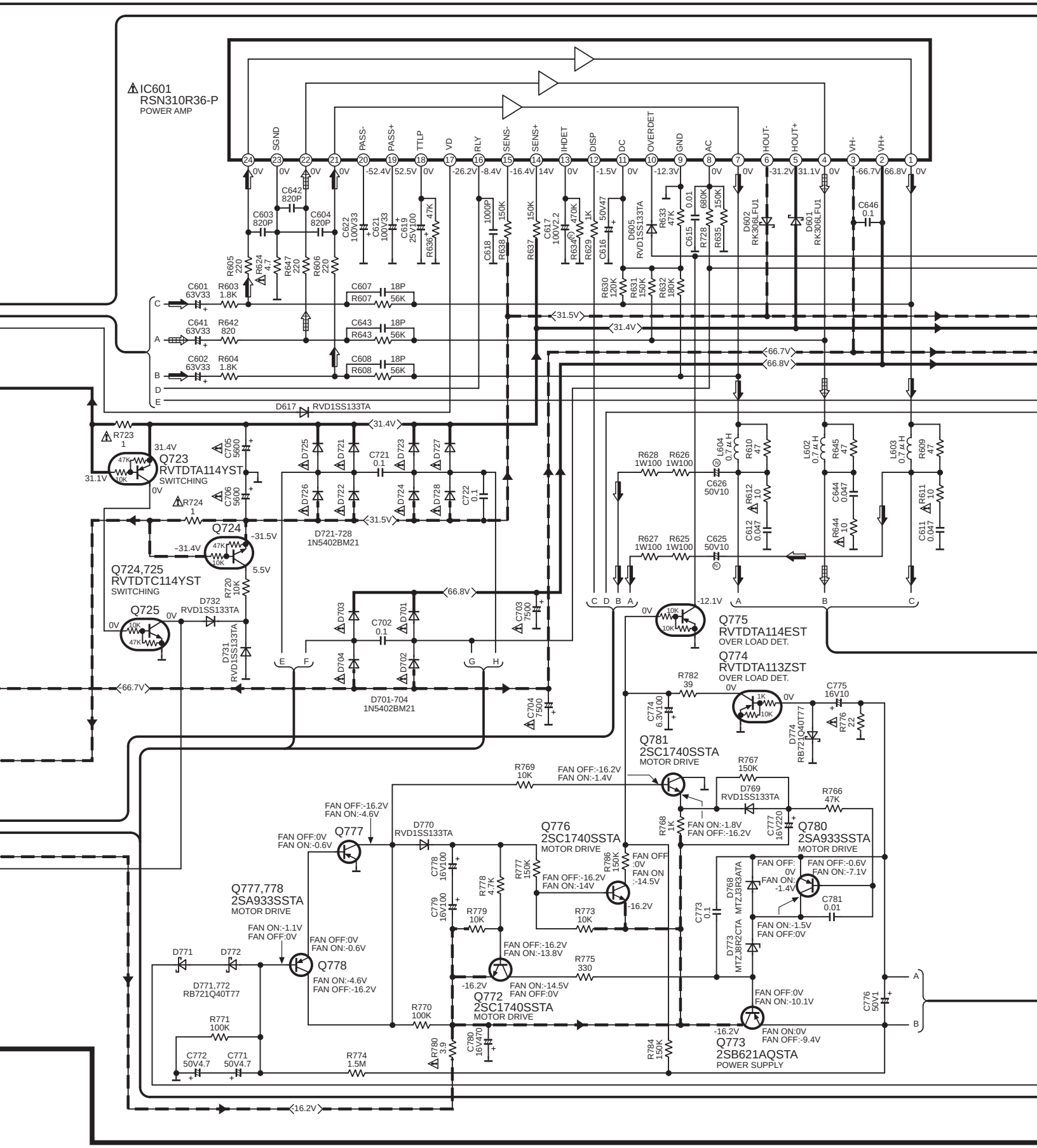


SCHEMATIC DIAGRAM–14

G MAIN CIRCUIT

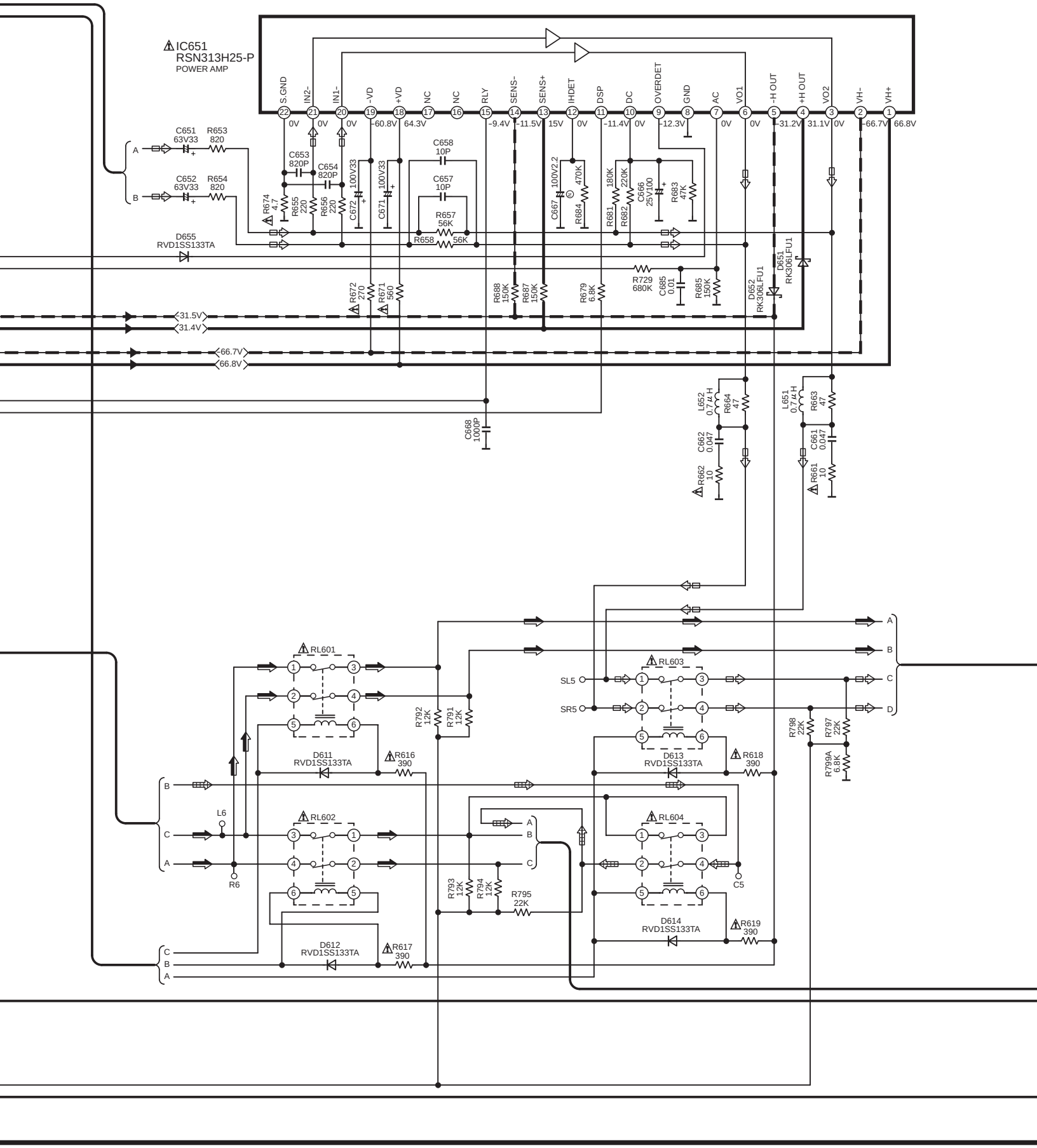
:POSITIVE VOLTAGE LINE :FM/ AM SIGNAL LINE

:NEGATIVE VOLTAGE LINE :CENTER SP SIGNAL LINE



SCHEMATIC DIAGRAM–15

:POSITIVE VOLTAGE LINE :FM/ AM SIGNAL LINE
:NEGATIVE VOLTAGE LINE :CENTER SP SIGNAL LINE :SURROUND SP SIGNAL LINE



SCHEMATIC DIAGRAM–16

G MAIN CIRCUIT

:POSITIVE VOLTAGE LINE
:FM/ AM SIGNAL LINE
:CENTER SP SIGNAL LINE
:SURROUND SP SIGNAL LINE

SPEAKER

JK603
C
D
Lch
Rch
SURROUND SPEAKERS

JK601
B
C
A
Lch
Rch
FRONT SPEAKER(B)
CENTER SPEAKER

JK602
B
A
Lch
Rch
FRONT SPEAKER(A)

H POWER SUPPLY CIRCUIT

C691 0.01
C701 0.01
E601

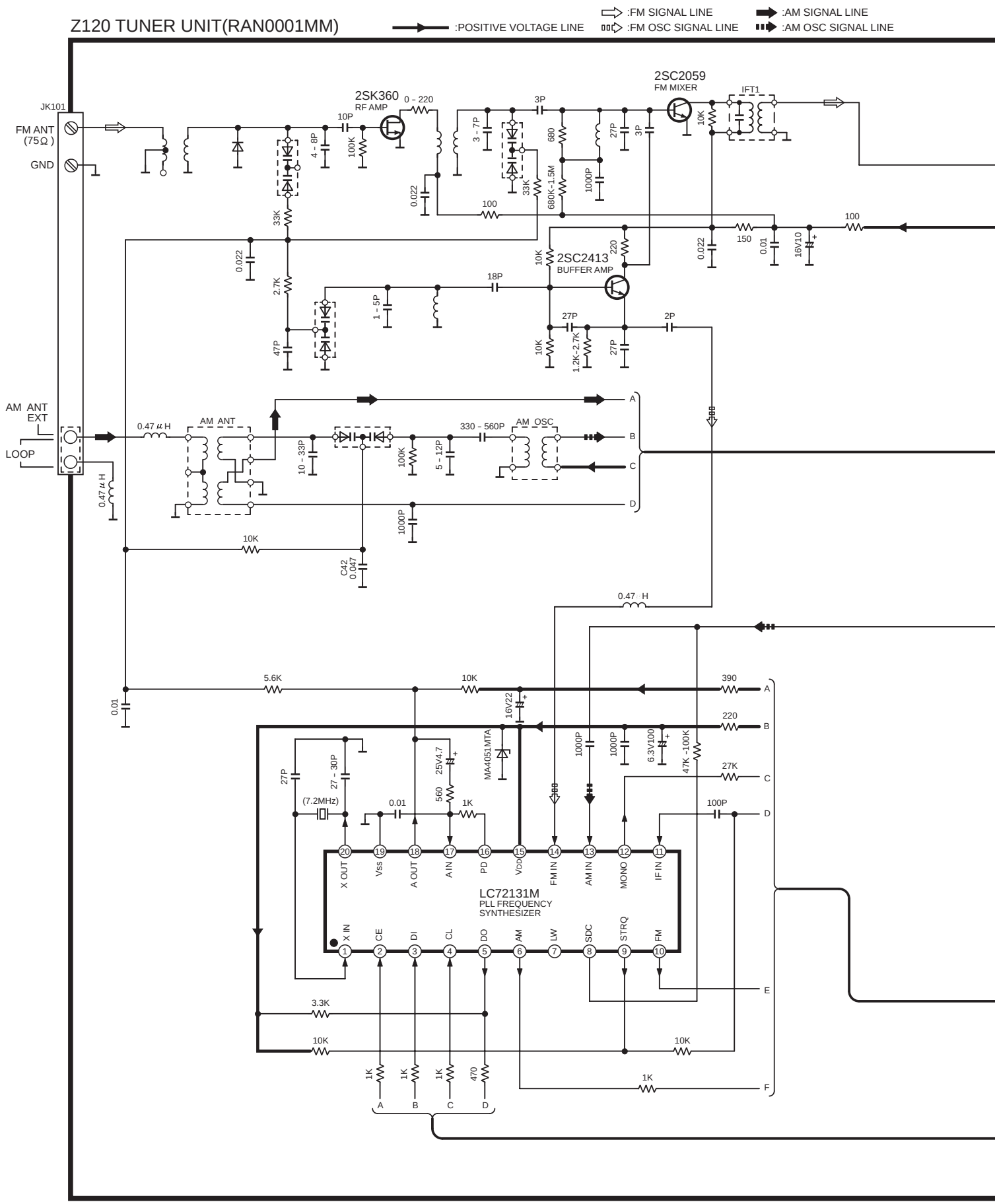
W752
CN752
D
C
6V
R799 22
Q752 2SC3940AQSTA REGULATOR
6V
9.5V
C755 16V47
6.6V
C754 0.01
9.5V
D
6.6V
G
6.6V
S
C753 330
D751-754 1SR35400V
D753
D754
T751
C752 0.01
D751
D752
AC 12.3V
R751 3.3M
D756 MTZJ6R8BTA
C757 16V10
Q753 2SK2880CTA STABILIZER
D755 RVD1SS133TA
RL751
4.9V
4.7K
10K
0V
Q751 RVTDTC143ZST RELAY DRIVE

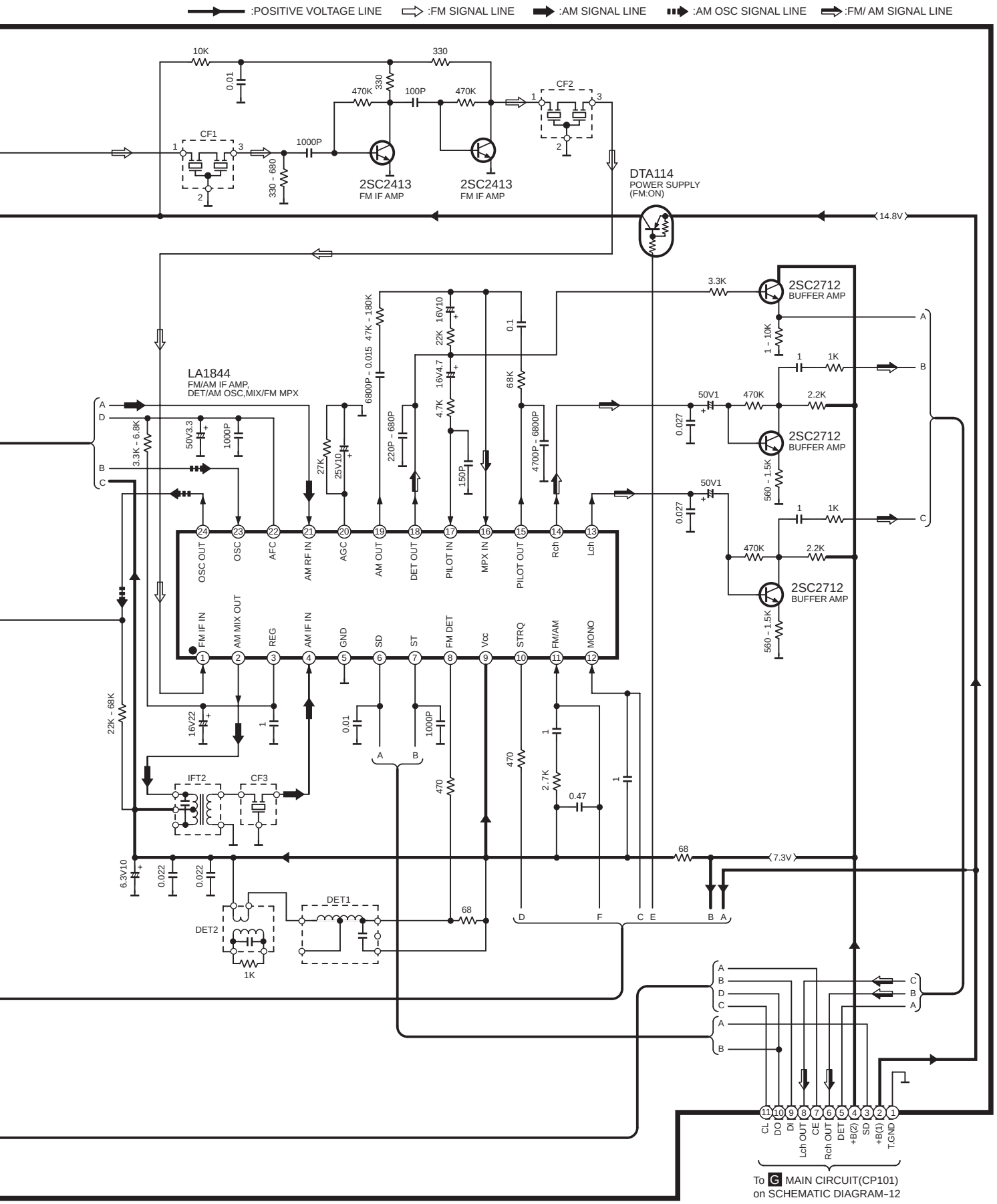
I POWER TRANSFORMER CIRCUIT

W701
H
E
F
G
B
A
F4 8A
F3 8A
AC41.2V
AC76V
AC33.4V
AC4.8V
R730 5.6
T701
CN751
F1 8A
Z751
F5 1.6A
AC8.4V
C751 1000P
C741 0.1
D741
D742
D743
D744
C742 2200
W702
+B(4)
+B(4)
GND
D741-744 1SR35400V
To B SURROUND CIRCUIT(CN702) on SCHEMATIC DIAGRAM–5
CP771
A
B
FAN MOTOR
W1
W2
W3

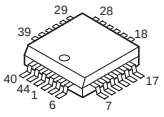
J AC IN/OUT CIRCUIT

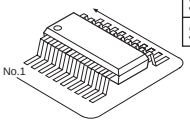
JK792
AC OUTLET (SWITCHED)
L701
JK791
AC IN (120V 60Hz)


Z120 TUNER UNIT(RAN0001MM)
:POSITIVE VOLTAGE LINE
:FM SIGNAL LINE
:FM OSC SIGNAL LINE
:AM SIGNAL LINE
:AM OSC SIGNAL LINE
JK101
FM ANT (75Ω)
GND
AM ANT EXT
LOOP
2SK360
RF AMP
2SC2059
FM MIXER
IFT1
2SC2413
BUFFER AMP
AM ANT
AM OSC
LC72131M
PLL FREQUENCY SYNTHESIZER
X OUT
Vss
A OUT
A IN
PD
Vdd
FM IN
AM IN
MONO
IF IN
X IN
CE
DI
CL
DO
AM
LW
SDC
STRQ
FM
(7.2MHz)
MA4051MTA


:POSITIVE VOLTAGE LINE
:FM SIGNAL LINE
:AM SIGNAL LINE
:AM OSC SIGNAL LINE
:FM/ AM SIGNAL LINE
DTA114
POWER SUPPLY
(FM:ON)
14.8V
2SC2413
FM IF AMP
2SC2413
FM IF AMP
LA1844
FM/AM IF AMP,
DET/AM OSC,MIX/FM MPX
2SC2712
BUFFER AMP
2SC2712
BUFFER AMP
2SC2712
BUFFER AMP
OSC OUT
OSC
AFC
AM RF IN
AGC
AM OUT
DET OUT
PILOT IN
MPX IN
PILOT OUT
Rch
Lch
FM IF IN
AM MIX OUT
REG
AM IF IN
GND
SD
ST
FM DET
Vcc
STRQ
FM/AM
MONO
IFT2
CF3
CF1
CF2
DET1
DET2
7.3V
To G MAIN CIRCUIT(CP101)
on SCHEMATIC DIAGRAM–12

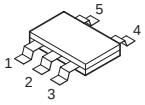
CS49326-CLR



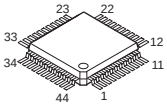


M62490FPE1	36PIN
SN7AHCT244PW	20PIN
SN74HCU04APW	14PIN
SN74LV244APW	20PIN

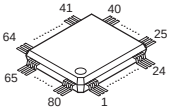
SNAHC1U04DBV

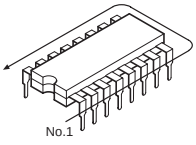


CS4226-KQG



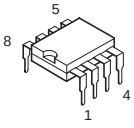
M38B57MCA232
M38B57M6141F



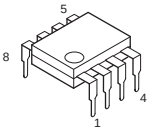


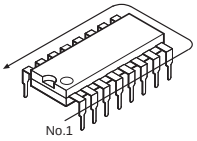
TC9214AP	16PIN
TC9162AN	28PIN
TC9163AN	28PIN

AN6558F



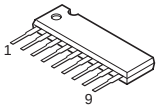
NJM4580DD
NJM2115D



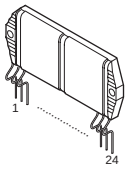


NJM2060D	14PIN
BU2090A	16PIN
NJM2279D	14PIN

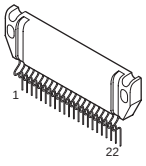
BA6218



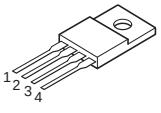
RSN310R36-P



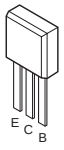
RSN313H25-P



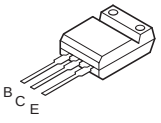
PQ30RV11

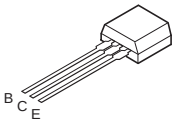


2SD1915FTA



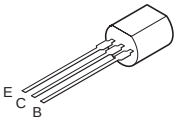
2SD2137PQTA



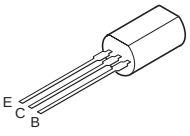


2SA933SSTA
2SC1740SSTA
DTA114YETL
RVTDTA114EST
RVTDTA114YST
RVTDTA143XST
RVTDTA113ZST
RVTDTC114YST
RVTDTC143ZST

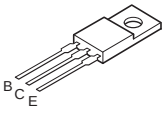
2SB621AQSTA
2SD592AQSTA



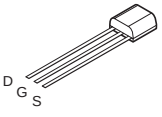
2SC3940AQSTA
2SA1534AQRTA



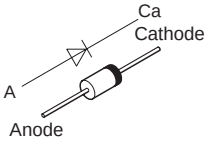
2SB1548PQAU
2SD2374PQAU

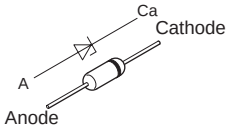


2SK2880CTA



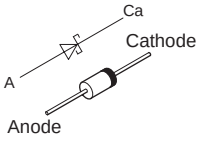
1N5402BM21



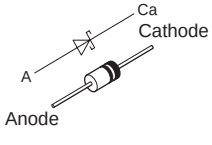


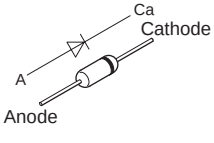
MTZJ10BTA
MTZJ16CTA
MTZJ18CTA
MTZJ27DTA
MTZJ3R3ATA
MTZJ3R9ATA
MTZJ4R7BTA
MTZJ5R6BTA
MTZJ6R2BTA
MTZJ6R2CTA
MTZJ6R8BTA
MTZJ7R5CTA
MTZJ8R2CTA

RK306LFU1



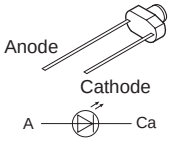
RB721Q40T77

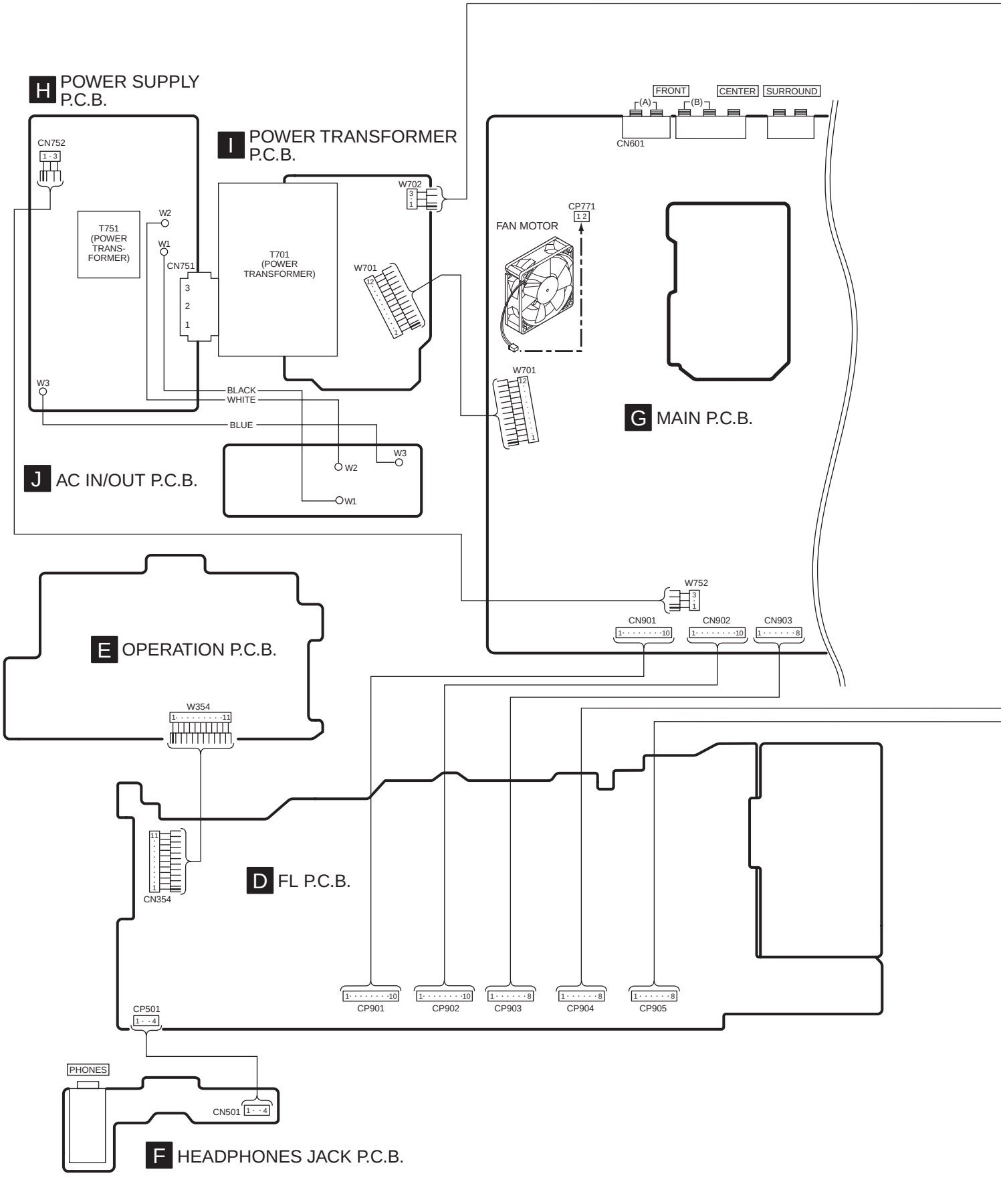


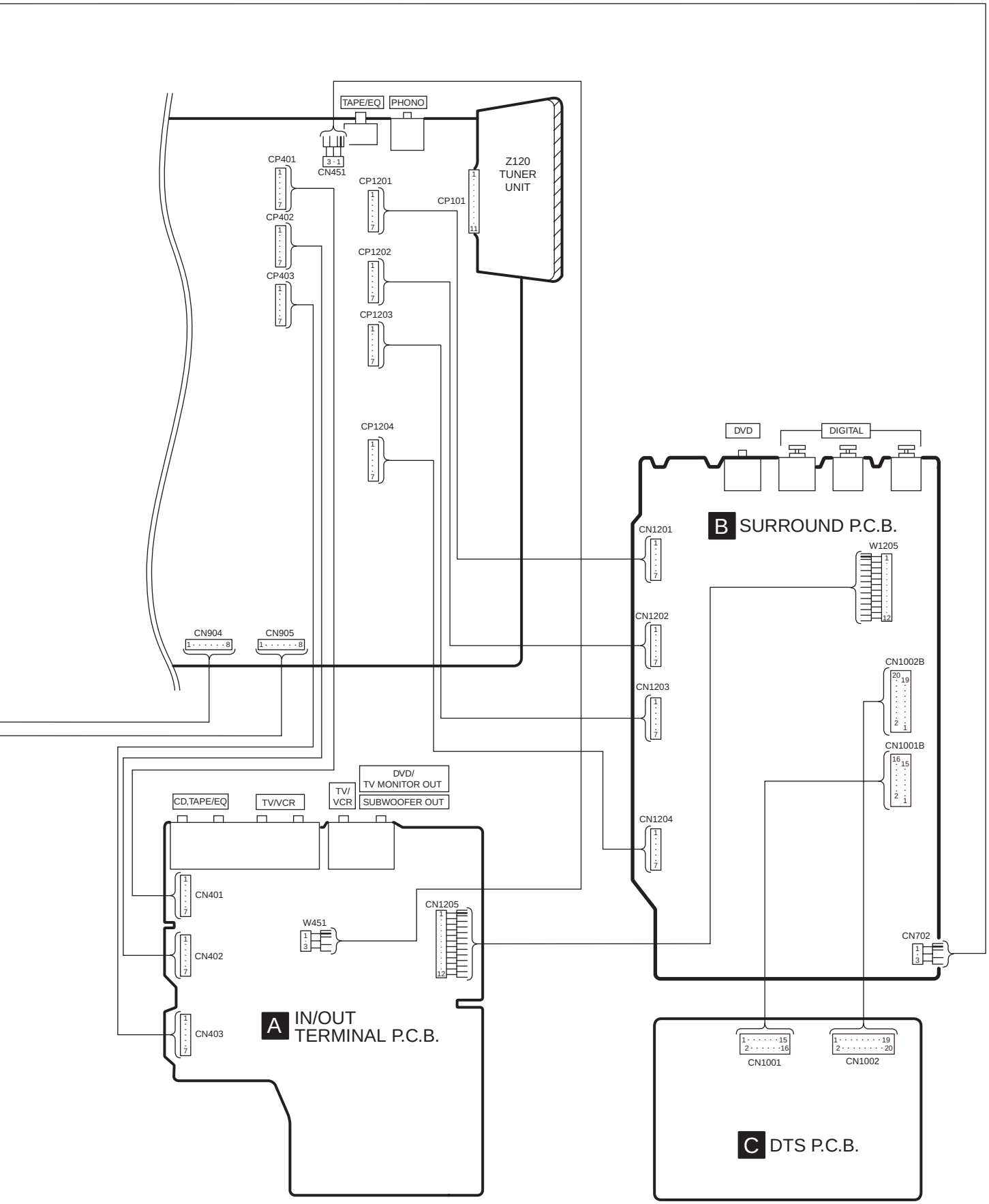


RVD1SS133TA
1SS291TA
1SR35400V

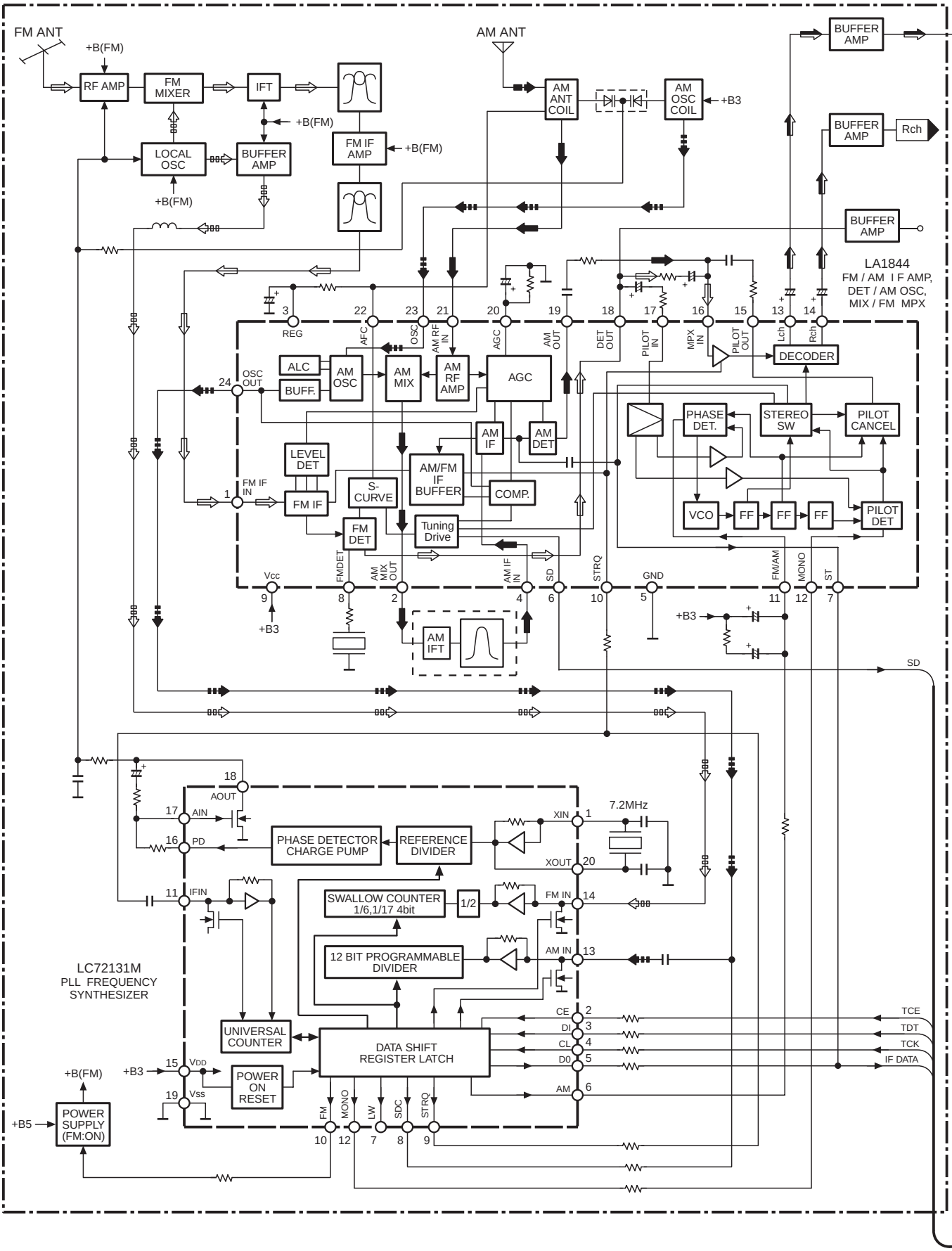
SLR325VCT31

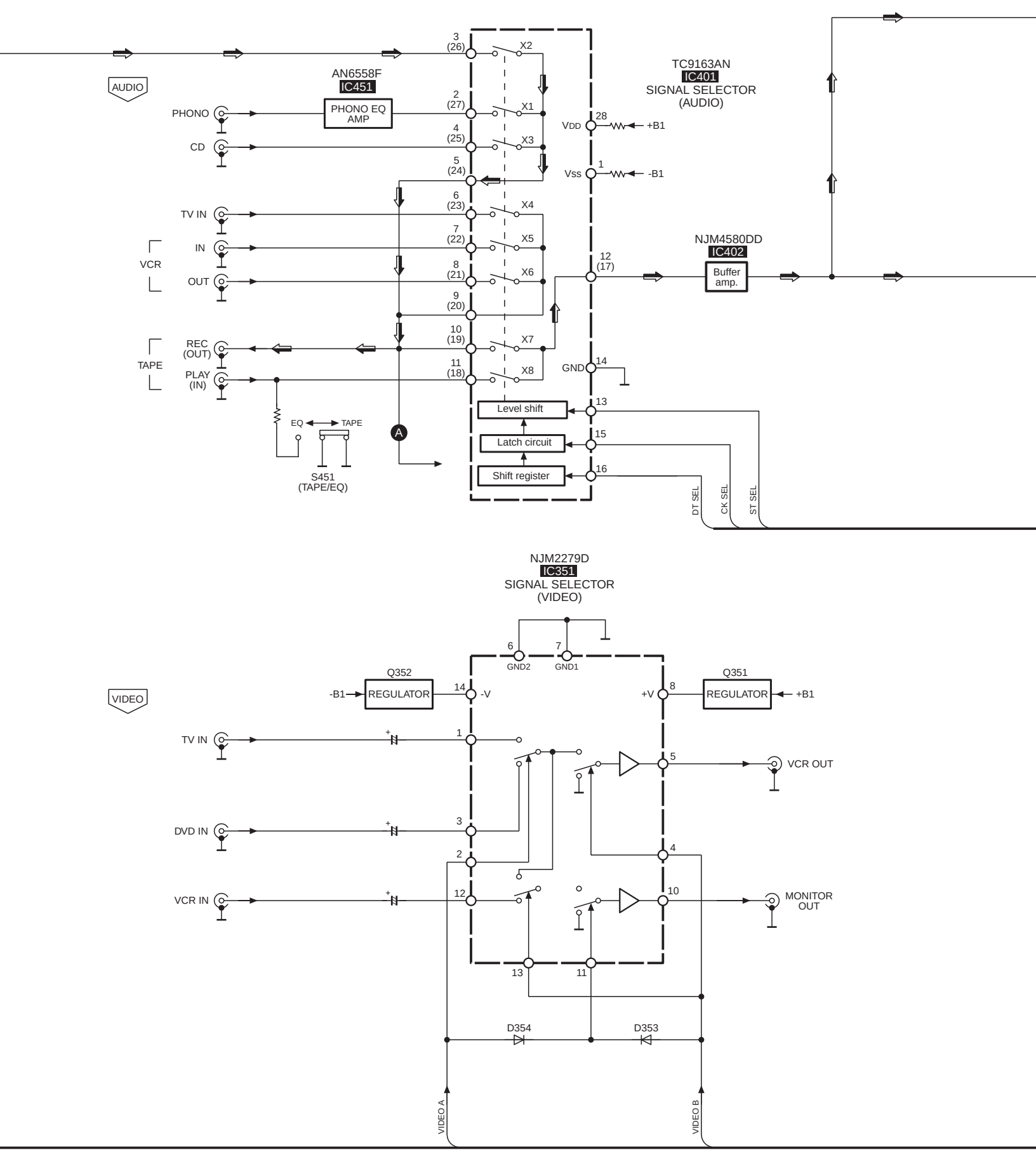


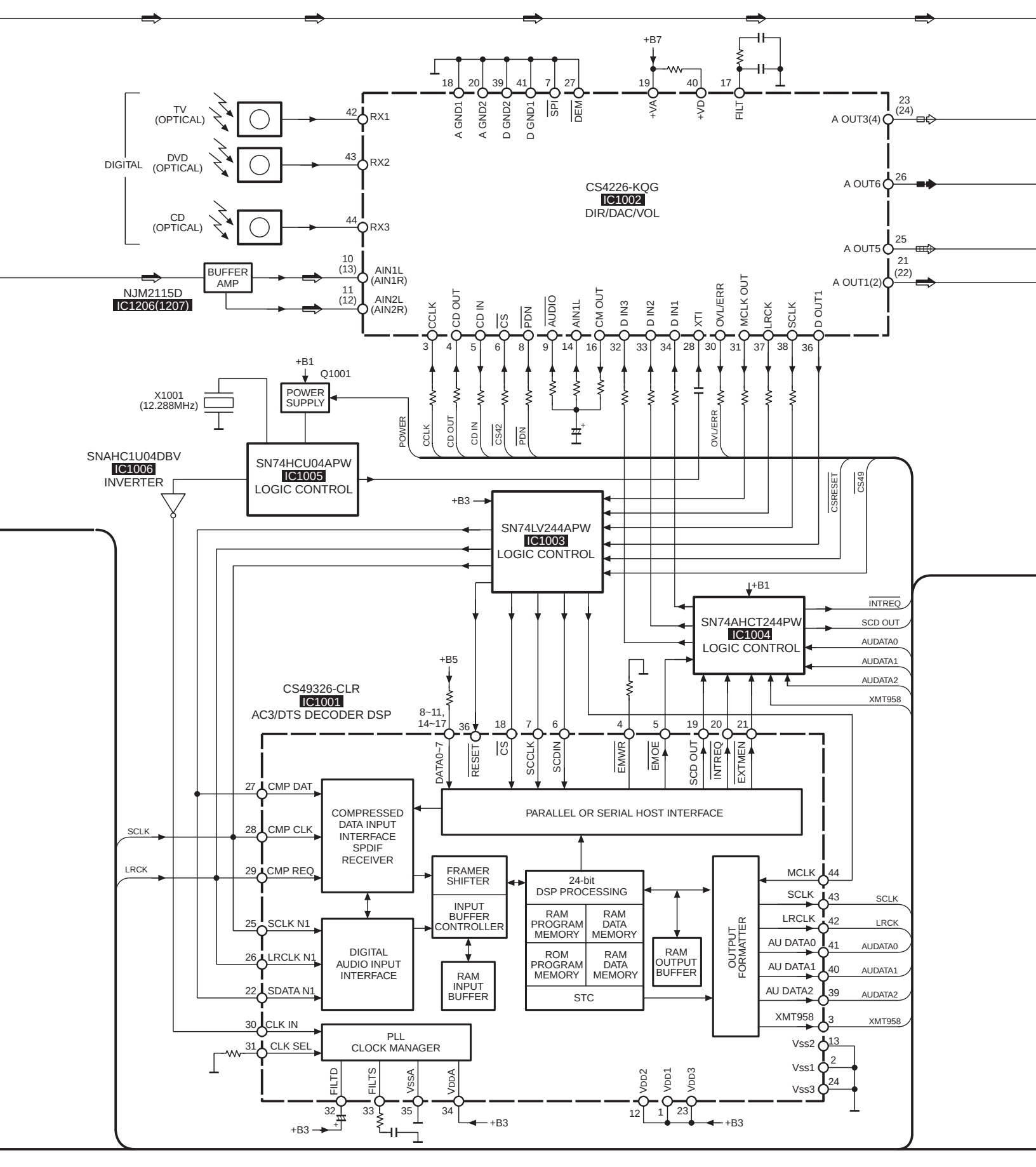

H POWER SUPPLY P.C.B.
CN752
1 · 3
T751 (POWER TRANS-FORMER)
W2
W1
CN751
3
2
1
W3
I POWER TRANSFORMER P.C.B.
T701 (POWER TRANSFORMER)
W702
3
1
W701
12
1
BLACK
WHITE
BLUE
J AC IN/OUT P.C.B.
W3
W2
W1
FRONT
CENTER
SURROUND
(A)
(B)
CN601
CP771
1 2
FAN MOTOR
W701
12
1
G MAIN P.C.B.
W752
3
1
CN901
CN902
CN903
1 · · · · · · · · 10
1 · · · · · · · · 10
1 · · · · · · 8
E OPERATION P.C.B.
W354
1 · · · · · · · · · 11
11
1
CN354
D FL P.C.B.
CP901
CP902
CP903
CP904
CP905
1 · · · · · · · · 10
1 · · · · · · · · 10
1 · · · · · · 8
1 · · · · · · 8
1 · · · · · · 8
CP501
1 · · 4
PHONES
CN501
1 · · 4
F HEADPHONES JACK P.C.B.

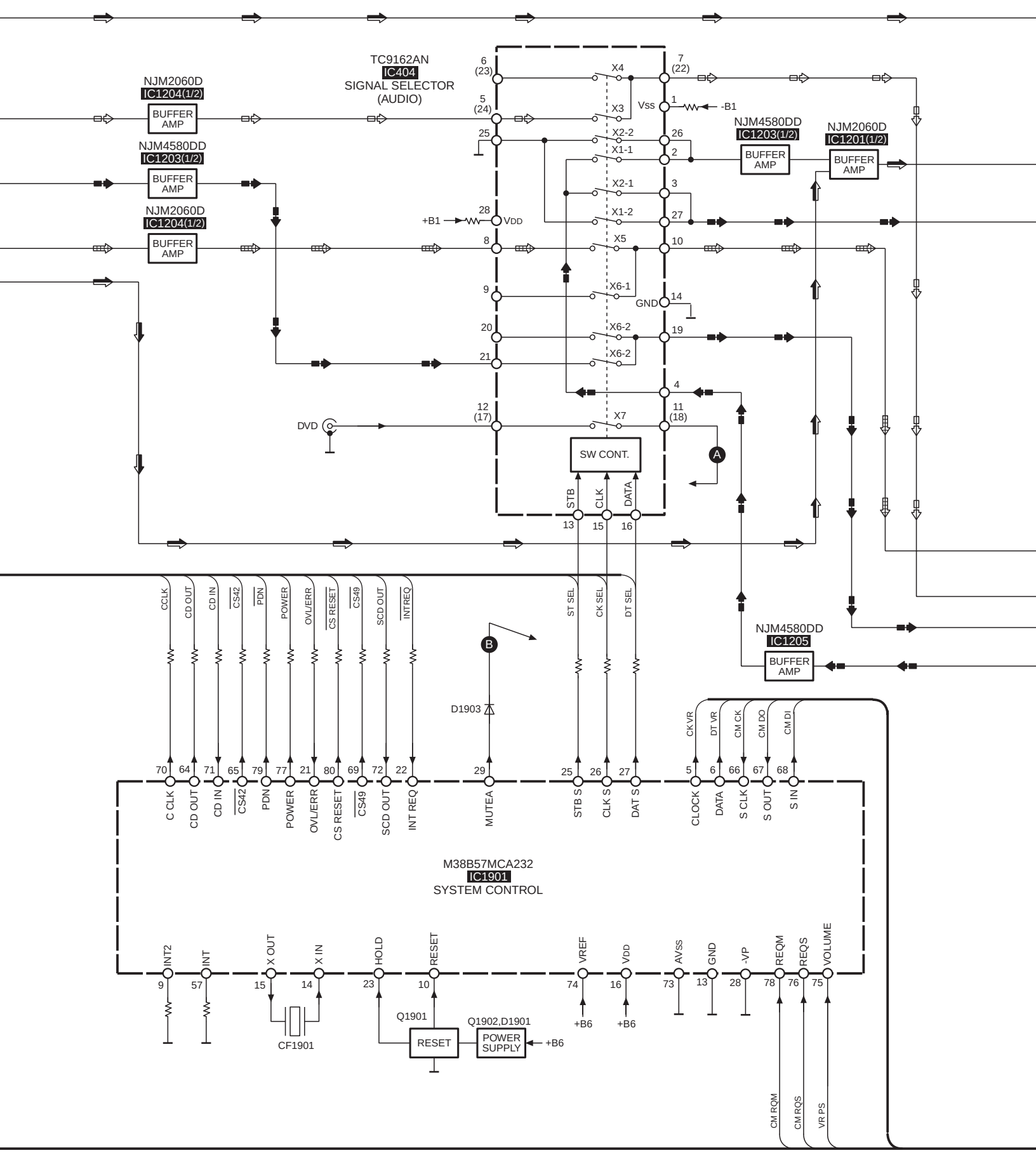

TAPE/EQ
PHONO
CN451
Z120
TUNER
UNIT
CP401
CP402
CP403
CP1201
CP101
CP1202
CP1203
CP1204
CN904
CN905
DVD
DIGITAL
B SURROUND P.C.B.
CN1201
W1205
CN1202
CN1002B
CN1203
CN1001B
CN1204
CD,TAPE/EQ
TV/VCR
TV/
VCR
DVD/
TV MONITOR OUT
SUBWOOFER OUT
CN401
CN402
CN403
W451
CN1205
CN702
A IN/OUT
TERMINAL P.C.B.
CN1001
CN1002
C DTS P.C.B.

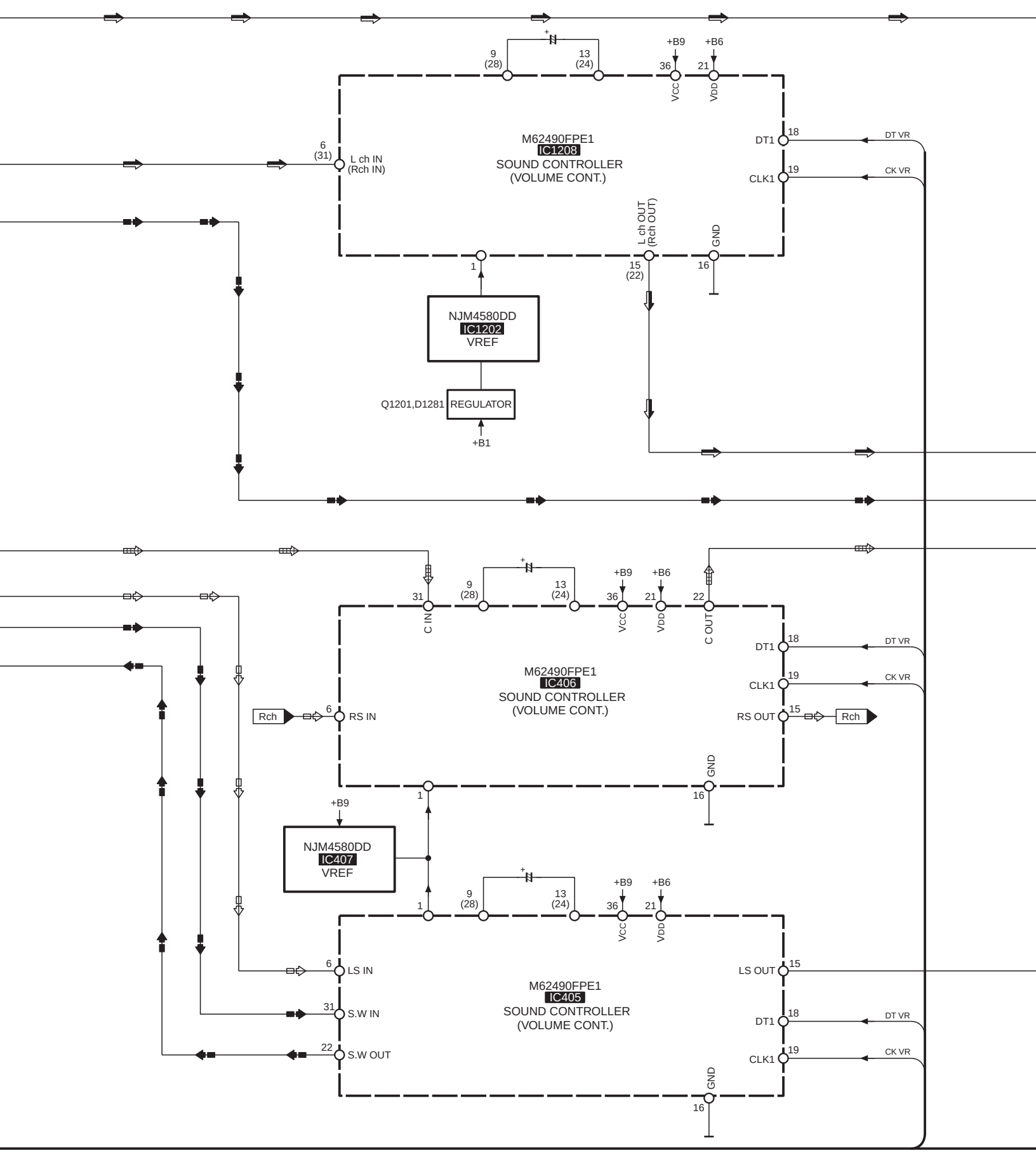
Z120 TUNER UNIT (RAN0001MM)

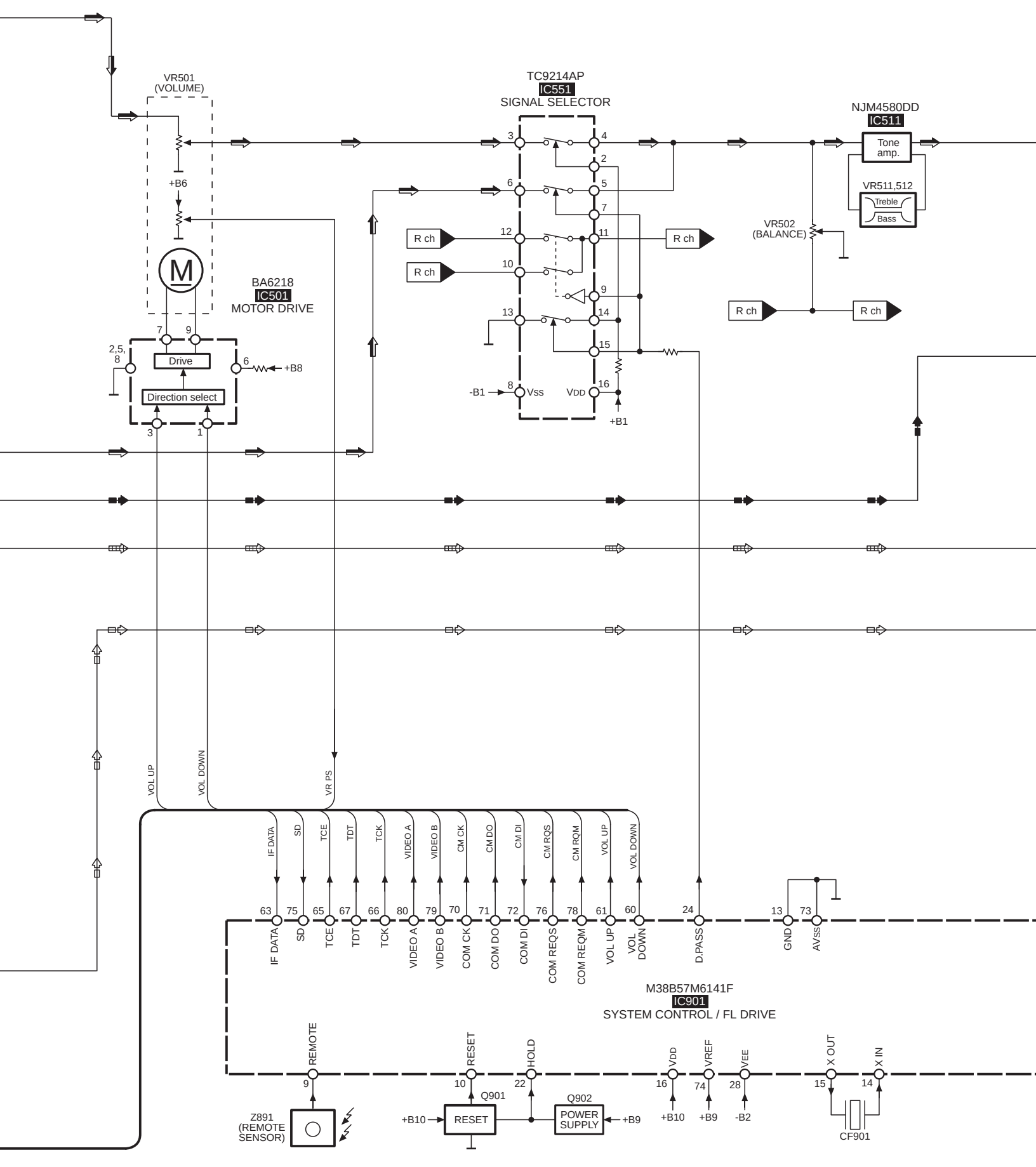


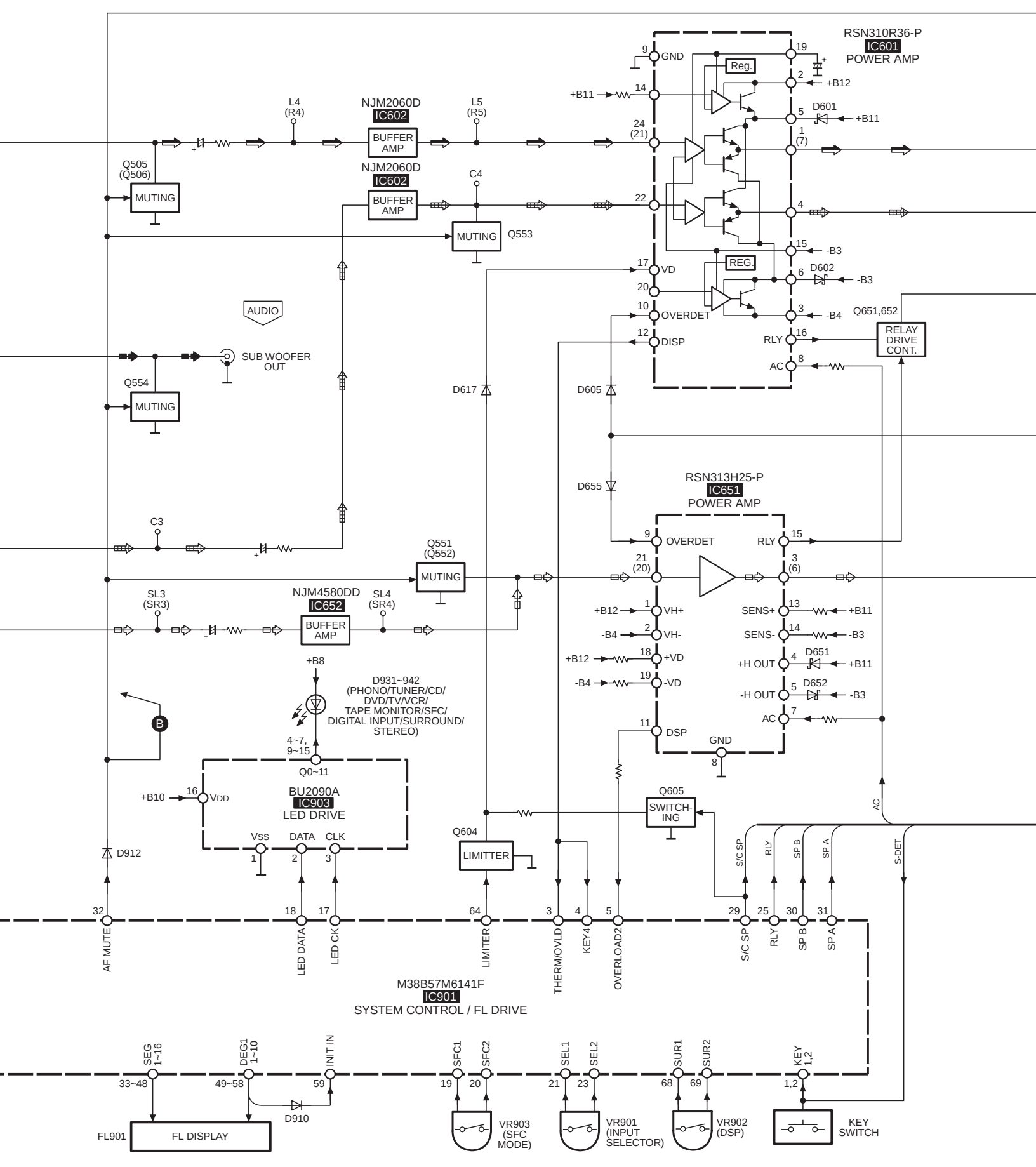

AUDIO
AN6558F
IC451
PHONO EQ AMP
PHONO
CD
TV IN
VCR
IN
OUT
TAPE
REC (OUT)
PLAY (IN)
EQ
TAPE
S451 (TAPE/EQ)
A
3 (26)
2 (27)
4 (25)
5 (24)
6 (23)
7 (22)
8 (21)
9 (20)
10 (19)
11 (18)
X1
X2
X3
X4
X5
X6
X7
X8
TC9163AN
IC401
SIGNAL SELECTOR
(AUDIO)
VDD
28
+B1
Vss
1
-B1
GND
14
12 (17)
Level shift
Latch circuit
Shift register
13
15
16
NJM4580DD
IC402
Buffer amp.
DT SEL
CK SEL
ST SEL
NJM2279D
IC351
SIGNAL SELECTOR
(VIDEO)
VIDEO
6
GND2
7
GND1
Q352
-B1
REGULATOR
14
-V
Q351
+V
8
REGULATOR
+B1
TV IN
1
VCR OUT
5
DVD IN
3
2
4
VCR IN
12
10
MONITOR OUT
13
11
D354
D353
VIDEO A
VIDEO B

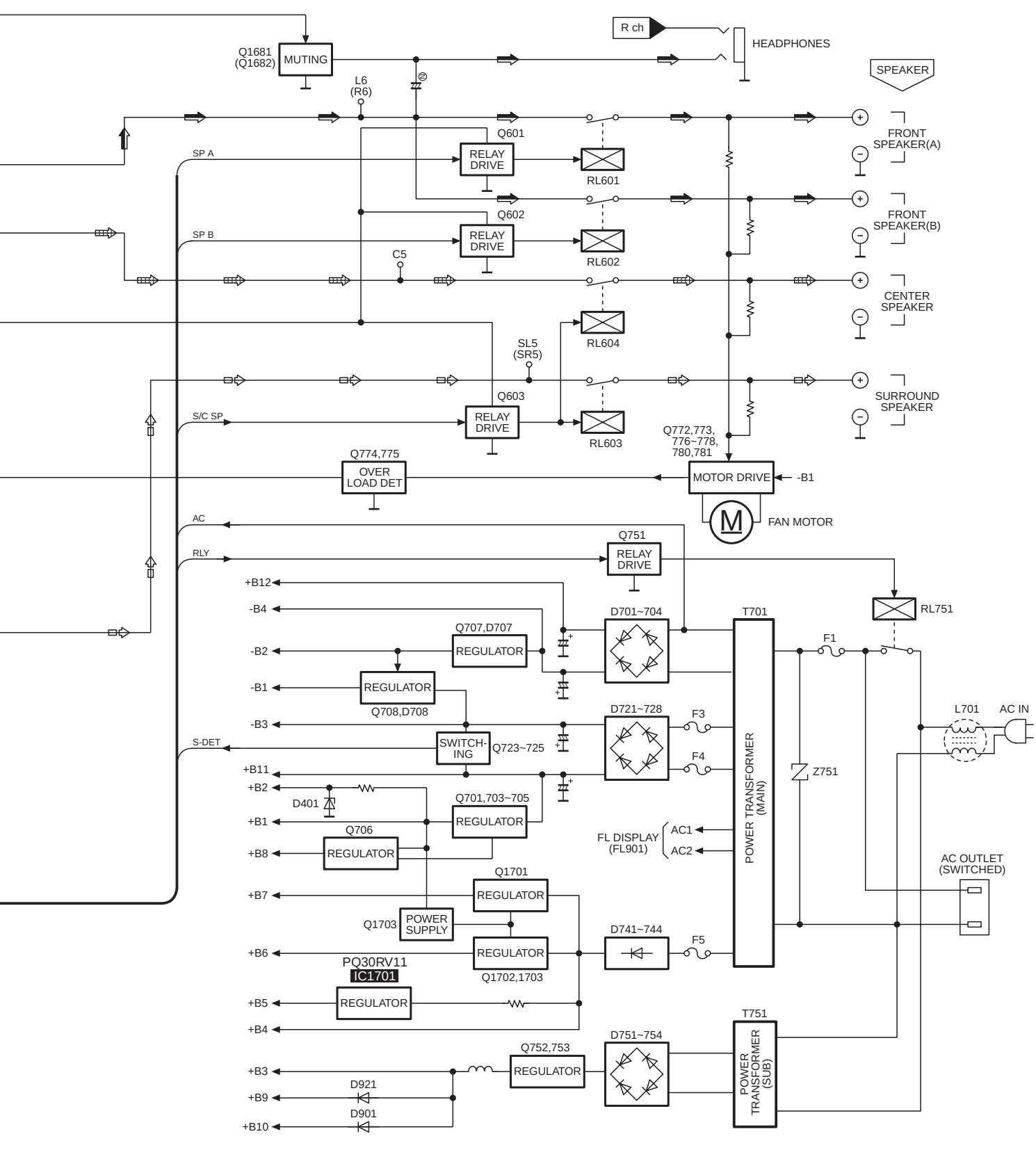

DIGITAL
TV (OPTICAL)
DVD (OPTICAL)
CD (OPTICAL)
RX1
RX2
RX3
BUFFER AMP
NJM2115D
IC1206(1207)
AIN1L (AIN1R)
AIN2L (AIN2R)
CS4226-KQG
IC1002
DIR/DAC/VOL
A GND1
A GND2
D GND2
D GND1
SPI
DEM
+VA
+VD
FILT
+B7
A OUT3(4)
A OUT6
A OUT5
A OUT1(2)
CCLK
CD OUT
CD IN
CS
PDN
AUDIO
AIN1L
CM OUT
D IN3
D IN2
D IN1
XTI
OVL/ERR
MCLK OUT
LRCK
SCLK
D OUT1
X1001 (12.288MHz)
Q1001
POWER SUPPLY
+B1
POWER
CS42
SNAHC1U04DBV
IC1006
INVERTER
SN74HCU04APW
IC1005
LOGIC CONTROL
+B3
SN74LV244APW
IC1003
LOGIC CONTROL
CSRESET
CS49
SN74AHCT244PW
IC1004
LOGIC CONTROL
INTREQ
SCD OUT
AUDATA0
AUDATA1
AUDATA2
XMT958
+B5
CS49326-CLR
IC1001
AC3/DTS DECODER DSP
DATA0~7
RESET
SCCLK
SCDIN
EMWR
EMOE
EXTMEN
PARALLEL OR SERIAL HOST INTERFACE
CMP DAT
CMP CLK
CMP REQ
SCLK N1
LRCLK N1
SDATA N1
CLK IN
CLK SEL
COMPRESSED DATA INPUT INTERFACE SPDIF RECEIVER
DIGITAL AUDIO INPUT INTERFACE
PLL CLOCK MANAGER
FRAMER SHIFTER
INPUT BUFFER CONTROLLER
RAM INPUT BUFFER
24-bit DSP PROCESSING
RAM PROGRAM MEMORY
RAM DATA MEMORY
ROM PROGRAM MEMORY
STC
RAM OUTPUT BUFFER
OUTPUT FORMATTER
MCLK
SCLK
LRCLK
AU DATA0
AU DATA1
AU DATA2
XMT958
Vss2
Vss1
Vss3
FILTD
FILTS
VSSA
VDDA
VDD2
VDD1
VDD3


TC9162AN
IC404
SIGNAL SELECTOR
(AUDIO)
NJM2060D
IC1204(1/2)
BUFFER AMP
NJM4580DD
IC1203(1/2)
BUFFER AMP
NJM2060D
IC1204(1/2)
BUFFER AMP
NJM4580DD
IC1203(1/2)
BUFFER AMP
NJM2060D
IC1201(1/2)
BUFFER AMP
NJM4580DD
IC1205
BUFFER AMP
+B1
VDD
Vss
-B1
GND
DVD
SW CONT.
STB
CLK
DATA
D1903
CCLK
CD OUT
CD IN
CS42
PDN
POWER
OVL/ERR
CS RESET
CS49
SCD OUT
INTREQ
ST SEL
CK SEL
DT SEL
CK VR
DT VR
CM CK
CM DO
CM DI
C CLK
CD OUT
CD IN
CS42
PDN
POWER
OVL/ERR
CS RESET
CS49
SCD OUT
INT REQ
MUTEA
STB S
CLK S
DAT S
CLOCK
DATA
S CLK
S OUT
S IN
M38B57MCA232
IC1901
SYSTEM CONTROL
INT2
INT
X OUT
X IN
HOLD
RESET
VREF
VDD
AVSS
GND
-VP
REQM
REQS
VOLUME
CF1901
Q1901
RESET
Q1902,D1901
POWER SUPPLY
+B6
CM RQM
CM RQS
VR PS


M62490FPE1
IC1208
SOUND CONTROLLER
(VOLUME CONT.)
L ch IN
(Rch IN)
L ch OUT
(Rch OUT)
DT1
CLK1
DT VR
CK VR
VCC
VDD
GND
+B9
+B6
NJM4580DD
IC1202
VREF
Q1201,D1281
REGULATOR
+B1
M62490FPE1
IC406
SOUND CONTROLLER
(VOLUME CONT.)
C IN
C OUT
RS IN
RS OUT
Rch
NJM4580DD
IC407
VREF
M62490FPE1
IC405
SOUND CONTROLLER
(VOLUME CONT.)
LS IN
LS OUT
S.W IN
S.W OUT

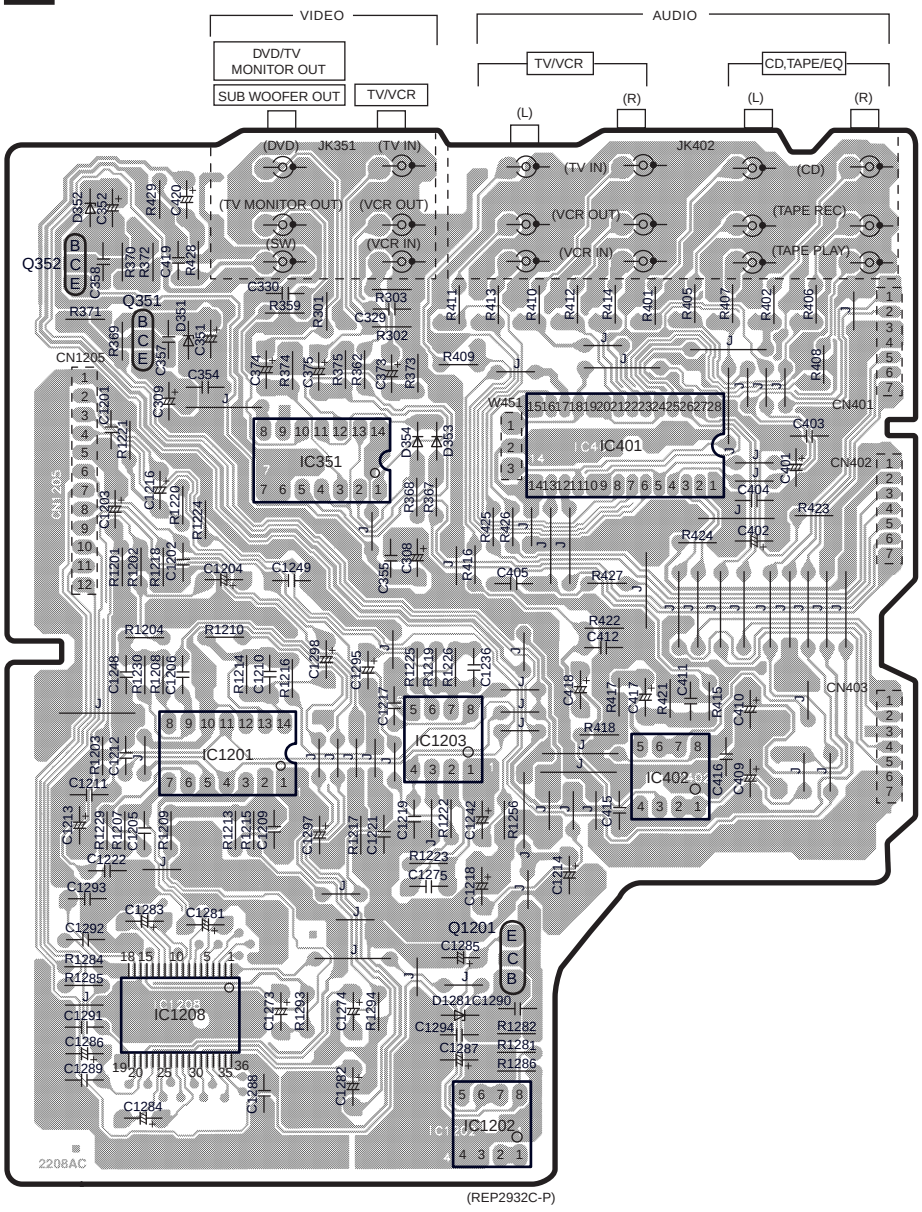

VR501
(VOLUME)
+B6
M
BA6218
IC501
MOTOR DRIVE
2,5,
8
7
9
Drive
6
+B8
Direction select
3
1
TC9214AP
IC551
SIGNAL SELECTOR
3
4
2
6
5
7
12
11
R ch
R ch
10
9
13
14
15
-B1
8
Vss
VDD
16
+B1
NJM4580DD
IC511
Tone
amp.
VR511,512
Treble
Bass
VR502
(BALANCE)
R ch
R ch
VOL UP
VOL DOWN
VR PS
IF DATA
SD
TCE
TDT
TCK
VIDEO A
VIDEO B
CM CK
CM DO
CM DI
CM RQS
CM RQM
VOL UP
VOL DOWN
63
75
65
67
66
80
79
70
71
72
76
78
61
60
24
13
73
IF DATA
SD
TCE
TDT
TCK
VIDEO A
VIDEO B
COM CK
COM DO
COM DI
COM REQS
COM REQM
VOL UP
VOL
DOWN
D.PASS
GND
AVSS
M38B57M6141F
IC901
SYSTEM CONTROL / FL DRIVE
REMOTE
RESET
HOLD
VDD
VREF
VEE
X OUT
X IN
9
10
22
16
74
28
15
14
Z891
(REMOTE
SENSOR)
Q901
+B10
RESET
Q902
POWER
SUPPLY
+B9
+B10
+B9
-B2
CF901


RSN310R36-P
IC601
POWER AMP
GND
Reg.
+B11
+B12
D601
L4 (R4)
NJM2060D
IC602
BUFFER AMP
L5 (R5)
Q505 (Q506)
MUTING
C4
Q553
REG.
VD
D602
-B3
OVERDET
-B4
Q651,652
RELAY DRIVE CONT.
RLY
DISP
AC
AUDIO
SUB WOOFER OUT
Q554
D617
D605
D655
RSN313H25-P
IC651
POWER AMP
C3
Q551 (Q552)
SL3 (SR3)
NJM4580DD
IC652
SL4 (SR4)
VH+
VH-
+VD
-VD
SENS+
SENS-
+H OUT
-H OUT
D651
D652
DSP
+B8
D931~942
(PHONO/TUNER/CD/
DVD/TV/VCR/
TAPE MONITOR/SFC/
DIGITAL INPUT/SURROUND/
STEREO)
4~7, 9~15
Q0~11
+B10
VDD
BU2090A
IC903
LED DRIVE
VSS
DATA
CLK
D912
Q604
LIMITTER
Q605
SWITCH-ING
S/C SP
SP B
SP A
S-DET
AF MUTE
LED DATA
LED CK
LIMITER
THERM/OVLD
KEY4
OVERLOAD2
M38B57M6141F
IC901
SYSTEM CONTROL / FL DRIVE
SEG 1~16
DEG1 1~10
INIT IN
SFC1
SFC2
SEL1
SEL2
SUR1
SUR2
KEY 1,2
FL901
FL DISPLAY
D910
VR903 (SFC MODE)
VR901 (INPUT SELECTOR)
VR902 (DSP)
KEY SWITCH



NOTES
- : FM SIGNAL LINE
- : FM/AM SIGNAL LINE
- : FM OSC SIGNAL LINE
- : CENTER SP SIGNAL LINE
- : AM SIGNAL LINE
- : SUB WOOFER SIGNAL LINE
- : AM OSC SIGNAL LINE
- : SURROUND SP SIGNAL LINE
- ( ) indicates pin No. Right channel.

A IN/OUT TERMINAL P.C.B.

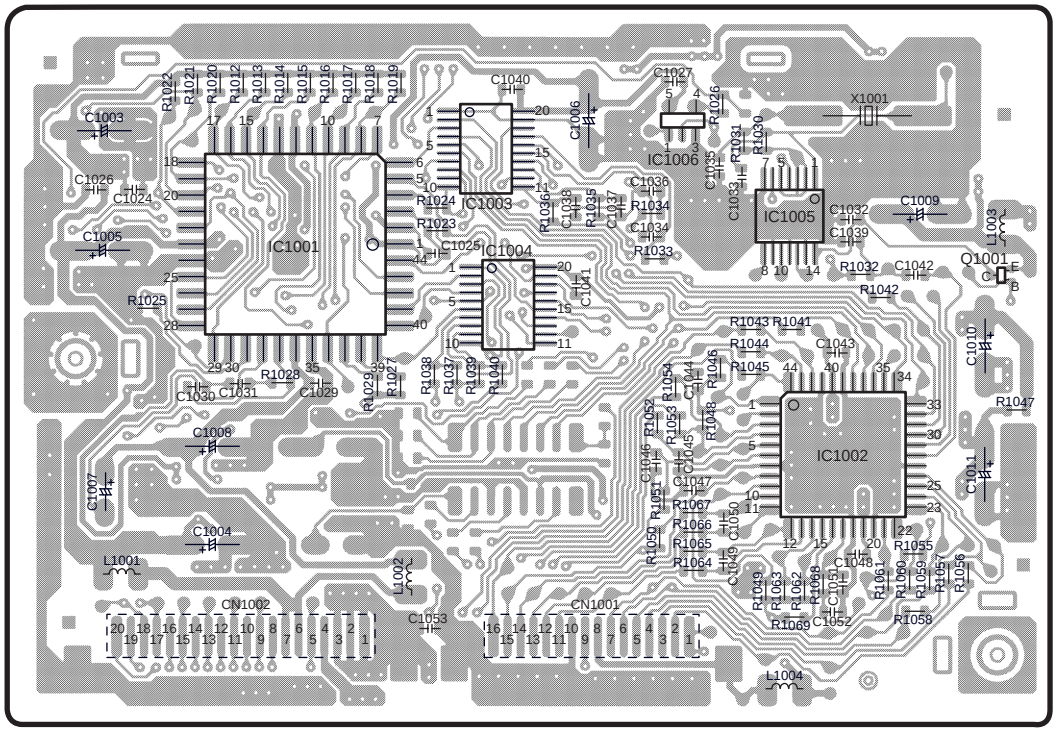


(REP2932C-P)

■ELECTRICAL PARTS LOCATION

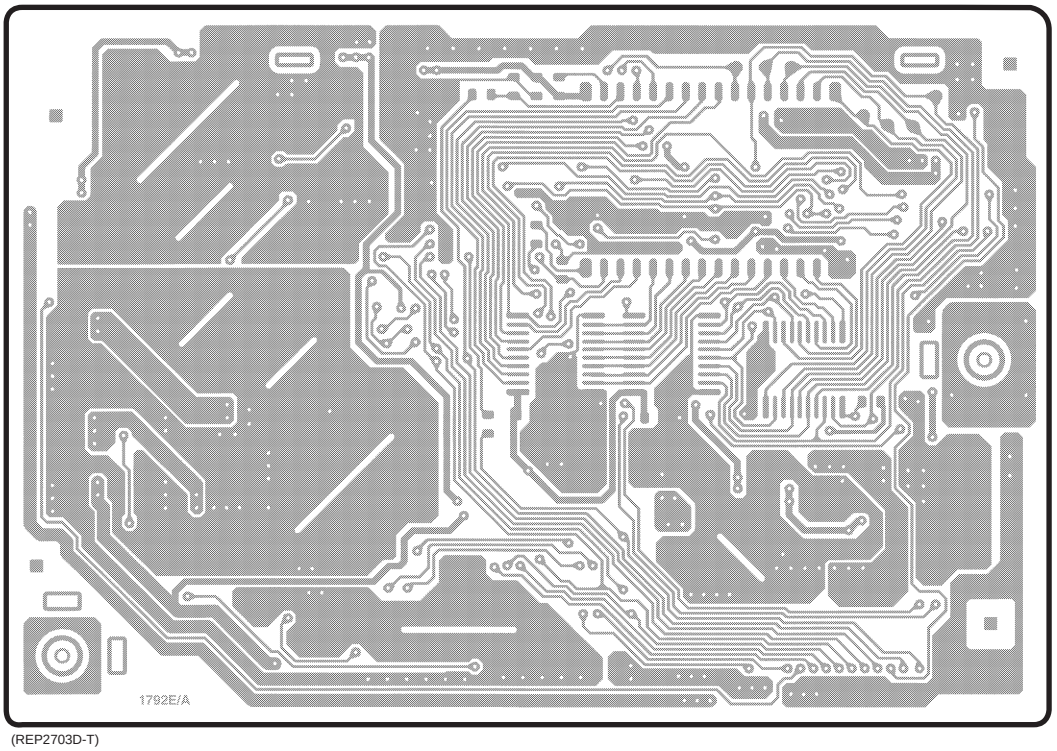
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
A IN/OUT TERMINAL P.C.B.															
IC351	3C	R301	2C	R411	2C	R1208	4B	R1284	5B	C405	4D	C1214	5D	C1289	6B
IC401	3D	R302	2C	R412	2D	R1209	5B	R1285	5B	C409	4E	C1216	3B	C1290	5D
IC402	4D	R303	2C	R413	2D	R1210	4B	R1286	6D	C410	4E	C1217	4C	C1291	6B
IC1201	4B	R359	2C	R414	2D	R1213	5B	R1293	5C	C411	4D	C1218	5D	C1292	5B
IC1202	6D	R362	3C	R415	4E	R1214	4B	R1294	5C	C412	4D	C1219	5C	C1293	5B
IC1203	4C	R367	3C	R416	3D	R1215	5C	C308	3C	C415	5D	C1221	5C	C1294	6C
IC1208	5B	R368	3C	R417	4D	R1216	4C	C309	3B	C416	4E	C1222	5B	C1295	4C
Q351	2B	R369	2B	R418	4D	R1217	5C	C329	2C	C417	4D	C1236	4D	C1297	5C
Q352	2B	R370	2B	R421	4D	R1218	3B	C330	2C	C418	4D	C1242	5D	C1298	4C
Q1201	5D	R371	2B	R422	4D	R1219	4C	C351	2B	C419	2B	C1248	4B		
D351	2B	R372	2B	R423	3E	R1220	3B	C352	2B	C420	2B	C1249	4C		
D352	2B	R373	3C	R424	3E	R1221	3B	C354	3B	C1201	3B	C1273	5C		
D353	3C	R374	3C	R425	3D	R1222	5C	C355	3C	C1202	3B	C1274	5C		
D354	3C	R375	3C	R426	3D	R1223	5C	C357	2B	C1203	3B	C1275	5C		
D1281	5C	R401	2D	R427	4D	R1224	3B	C358	2B	C1204	4B	C1281	5B		
CN401	2E	R402	2E	R428	2B	R1225	4C	C373	3C	C1205	5B	C1282	6C		
CN402	3E	R405	2E	R429	2B	R1226	4C	C374	3C	C1206	4B	C1283	5B		
CN403	4E	R406	2E	R1201	3B	R1229	5B	C375	3C	C1209	5C	C1284	6B		
CN1205	3B	R407	2E	R1202	3B	R1230	4B	C401	3E	C1210	4C	C1285	5C		
JK351	2C	R408	3E	R1203	4B	R1256	5D	C402	3E	C1211	4B	C1286	6B		
JK402	2D	R409	3C	R1204	4B	R1281	6D	C403	3E	C1212	4B	C1287	6C		
W451	3D	R410	2D	R1207	5B	R1282	6D	C404	3E	C1213	5B	C1288	6C		

C DTS P.C.B. (SIDE : A)



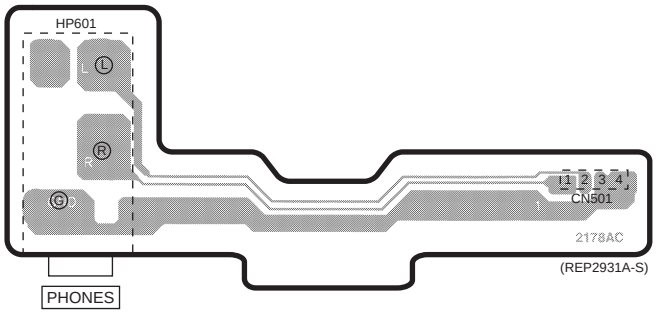
(REP2703D-T)

C DTS P.C.B. (SIDE : B)



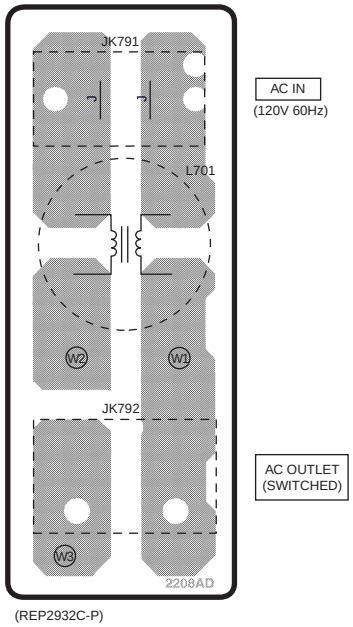
(REP2703D-T)

F HEADPHONES JACK P.C.B.



(REP2931A-S)

J AC IN/OUT P.C.B.

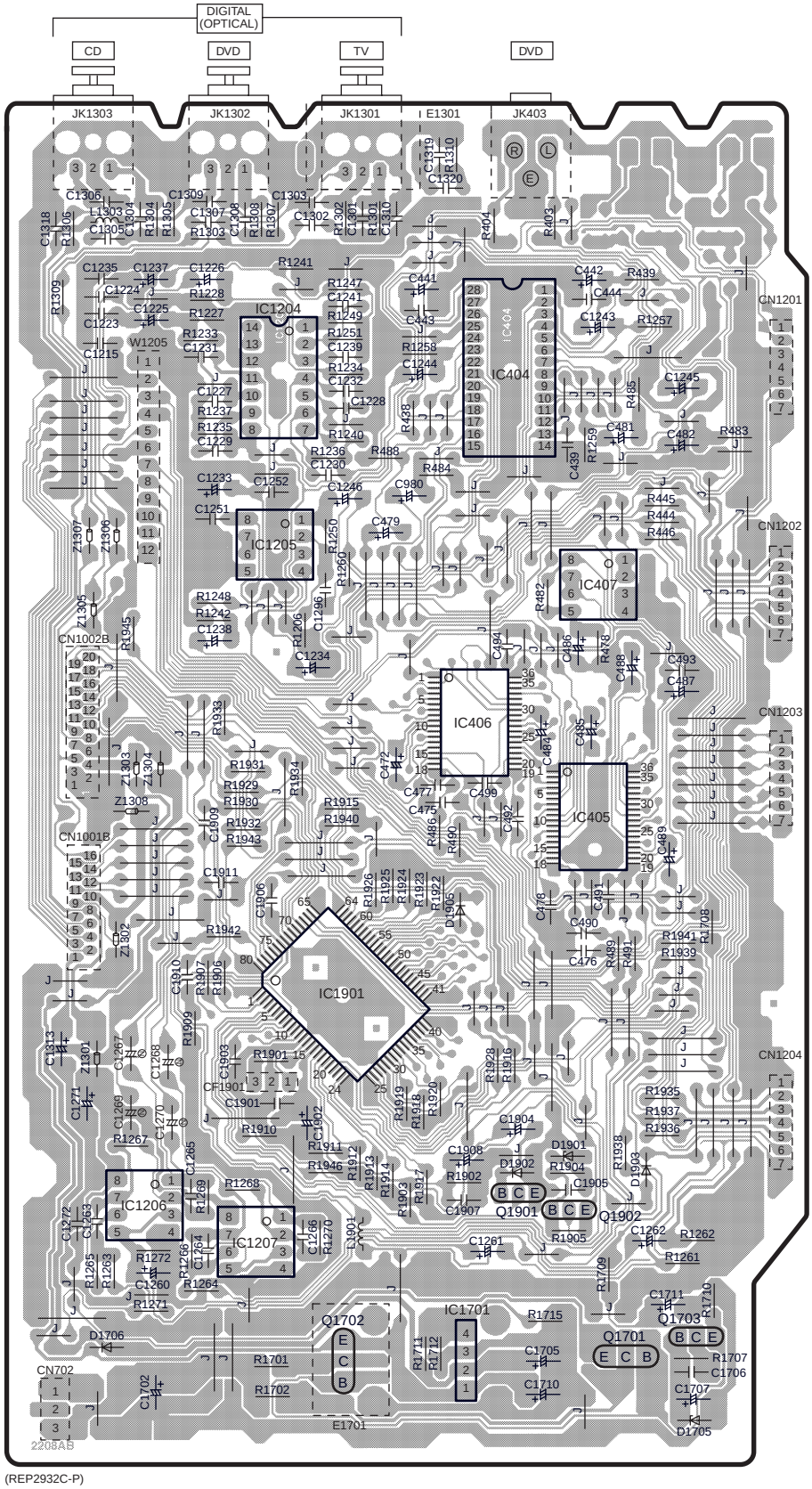


(REP2932C-P)

■ELECTRICAL PARTS LOCATION

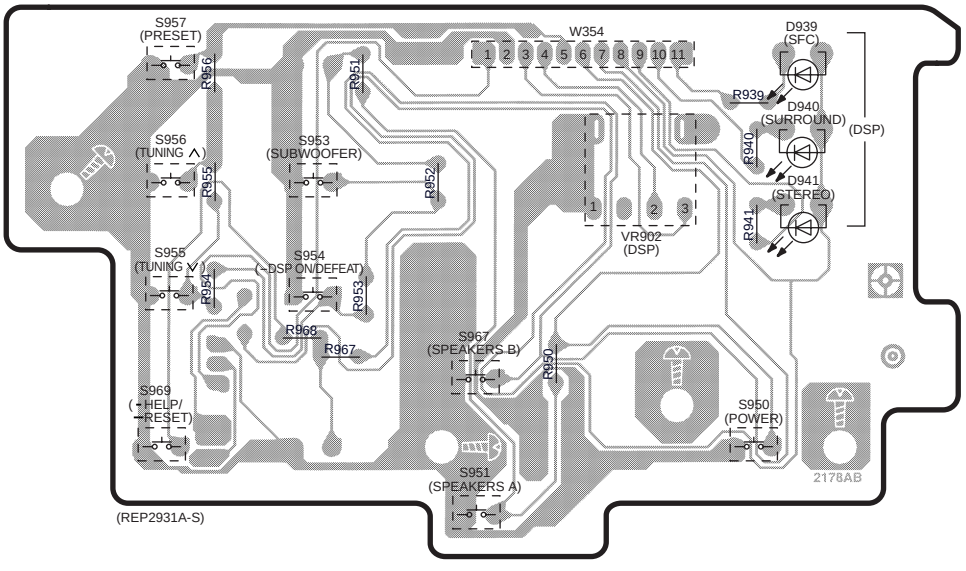
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
C DTS P.C.B.							
IC1001	2B	R1026	2D	R1054	3D	C1027	1D
IC1002	3E	R1027	3C	R1055	4E	C1029	3C
IC1003	2C	R1028	3B	R1056	4E	C1030	3B
IC1004	2C	R1029	3C	R1057	4E	C1031	3B
IC1005	2E	R1030	2E	R1058	4E	C1032	2E
IC1006	2D	R1031	2E	R1059	4E	C1033	2E
Q1001	2F	R1032	2E	R1060	4E	C1034	2D
L1001	4B	R1033	2D	R1061	4E	C1035	2D
L1002	4C	R1034	2D	R1062	4E	C1036	2D
L1003	2F	R1035	2D	R1063	4E	C1037	2D
L1004	4E	R1036	2D	R1064	4D	C1038	2D
X1001	2E	R1037	3C	R1065	4D	C1039	2E
CN1001	4D	R1038	3C	R1066	3D	C1040	2C
CN1002	4B	R1039	3C	R1067	3D	C1041	2D
R1012	1B	R1040	3C	R1068	4E	C1042	2E
R1013	1B	R1041	3E	R1069	4E	C1043	3E
R1014	1B	R1042	2E	C1003	2B	C1044	3D
R1015	1C	R1043	3E	C1004	4B	C1045	3D
R1016	1C	R1044	3E	C1005	2B	C1046	3D
R1017	1C	R1045	3E	C1006	2D	C1047	3D
R1018	1C	R1046	3D	C1007	3B	C1048	4E
R1019	1C	R1047	3F	C1008	3B	C1049	4D
R1020	1B	R1048	3D	C1009	2E	C1050	3D
R1021	1B	R1049	4E	C1010	3F	C1051	4E
R1022	2B	R1050	4D	C1011	3F	C1052	4E
R1023	2C	R1051	3D	C1024	2B	C1053	4C
R1024	2C	R1052	3D	C1025	2C		
R1025	2B	R1053	3D	C1026	2B		
F HEADPHONES JACK P.C.B.							
CN501	2I	HP601	2G				
J AC IN/OUT P.C.B.							
L701	5H	JK792	6H	W2	6G		
JK791	5H	W1	6H	W3	7G		

B SURROUND P.C.B.



(REP2932C-P)

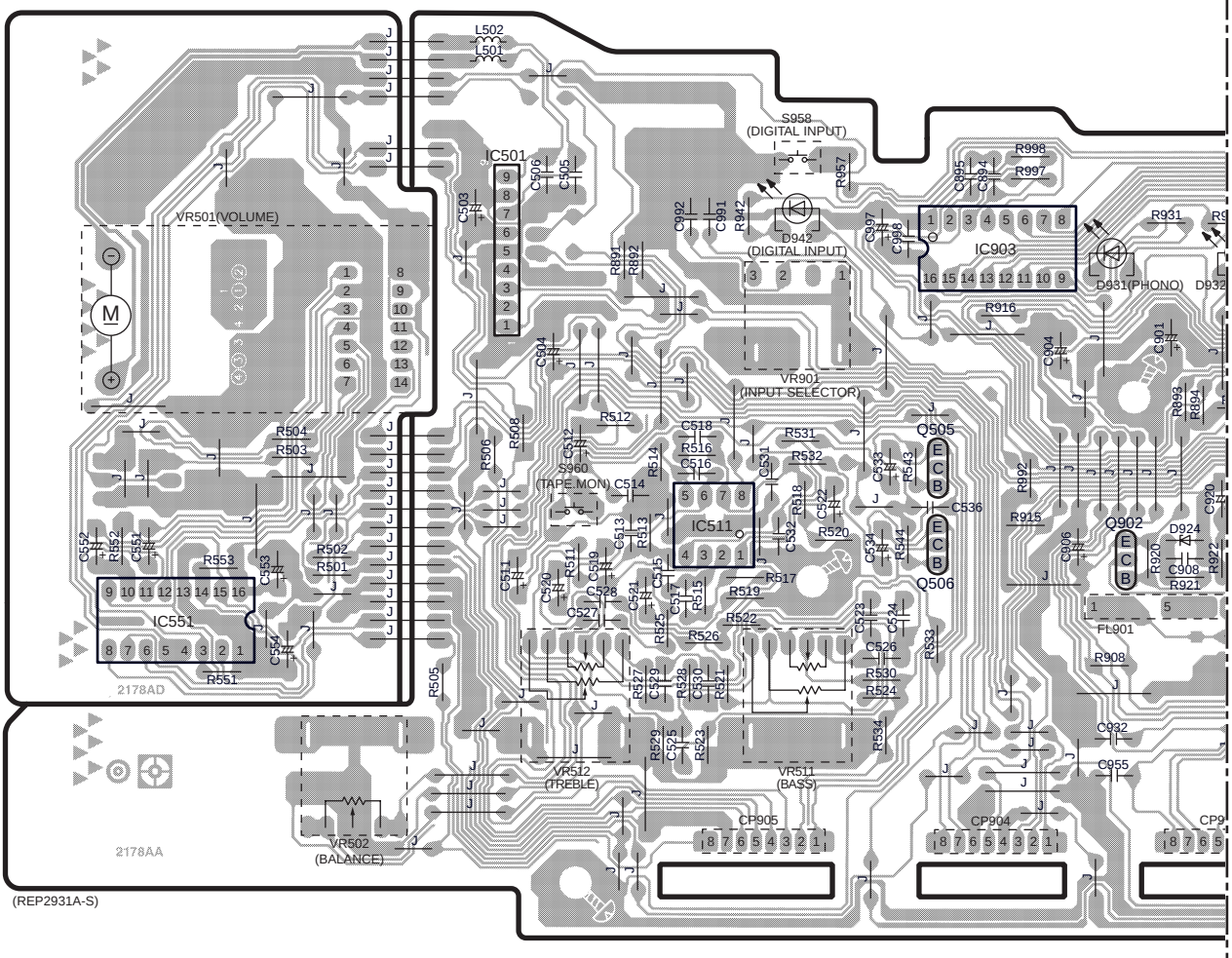
E OPERATION P.C.B.



■ELECTRICAL PARTS LOCATION

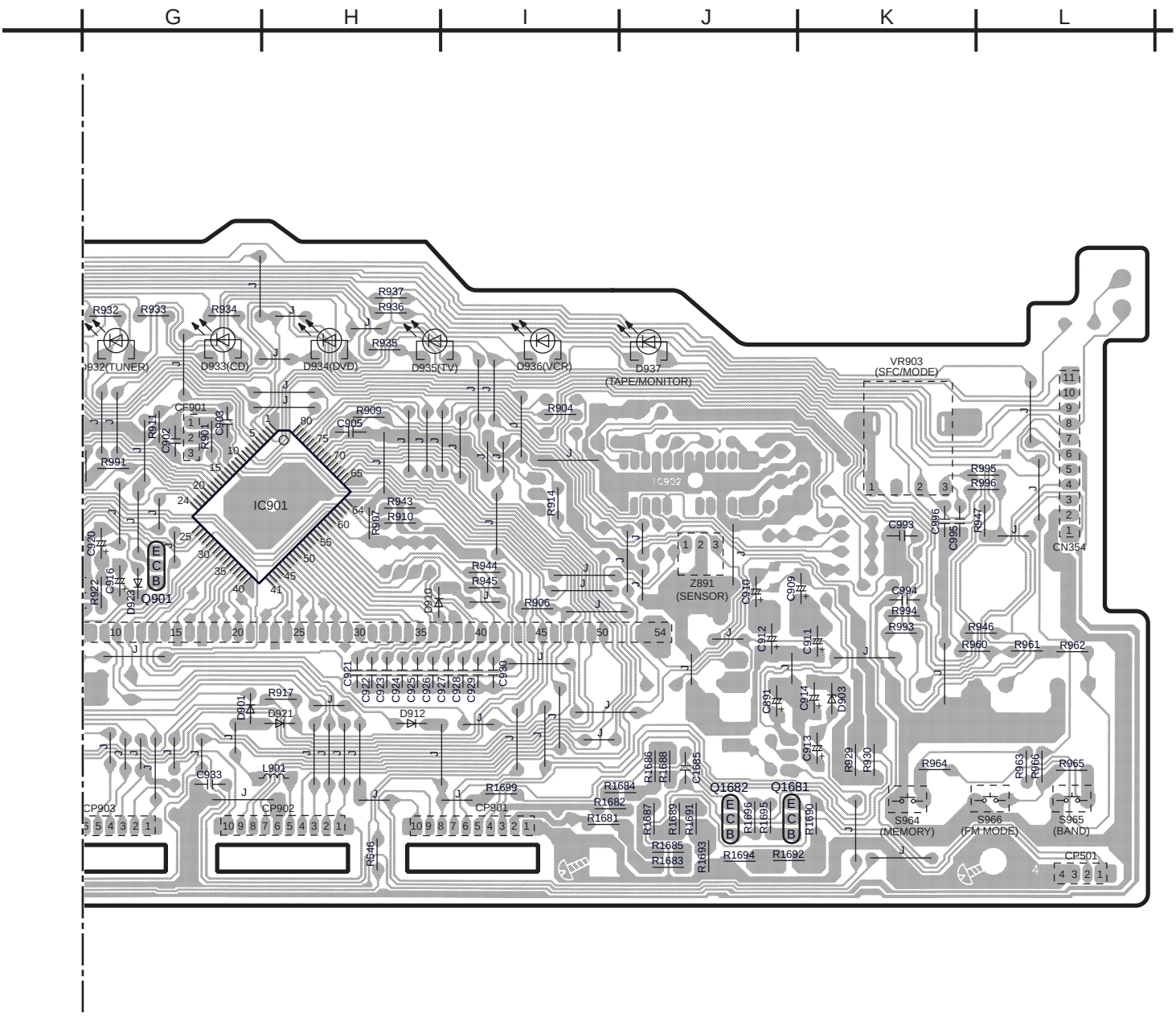
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
B SURROUND P.C.B.															
IC404	3D	CN1002B	5B	R1235	3C	R1308	2C	R1925	6C	C485	5D	C1251	4C	C1710	8D
IC405	5D	CN1201	3E	R1236	3C	R1309	3B	R1926	6C	C486	4D	C1252	4C	C1711	8E
IC406	5D	CN1202	4E	R1237	3C	R1310	2D	R1928	6D	C487	5E	C1260	7B	C1901	7C
IC407	4D	CN1203	5E	R1240	3C	R1701	8C	R1929	5C	C488	4E	C1261	7D	C1902	7C
IC1204	3C	CN1204	7E	R1241	2C	R1702	8C	R1930	5C	C489	5E	C1262	7E	C1903	6C
IC1205	4C	JK403	2D	R1242	4C	R1707	8E	R1931	5C	C490	6D	C1263	7B	C1904	7D
IC1206	7B	JK1301	2C	R1247	2C	R1708	6E	R1932	5C	C491	6E	C1264	7C	C1905	7D
IC1207	7C	JK1302	2C	R1248	4C	R1709	7E	R1933	5C	C492	5D	C1265	7B	C1906	6C
IC1701	8D	JK1303	2B	R1249	3C	R1710	8E	R1934	5C	C493	4E	C1266	7C	C1907	7D
IC1901	6C	E1301	2C	R1250	4C	R1711	8D	R1935	7E	C494	4D	C1267	6B	C1908	7D
Q1701	8E	E1701	8C	R1251	3C	R1712	8D	R1936	7E	C499	5D	C1268	6B	C1909	5C
Q1702	8C	W1205	3B	R1257	3E	R1715	8D	R1937	7E	C980	4D	C1269	7B	C1910	6B
Q1703	8E	R403	2D	R1258	3D	R1901	6C	R1938	7E	C1215	3B	C1270	7B	C1911	5C
Q1901	7D	R404	2D	R1259	3D	R1902	7D	R1939	6E	C1223	3B	C1271	7B		
Q1902	7D	R438	3D	R1260	4C	R1903	7D	R1940	5C	C1224	3B	C1272	7B		
D1705	8E	R439	2E	R1261	7E	R1904	7D	R1941	6E	C1225	3B	C1296	4C		
D1706	8B	R444	4E	R1262	7E	R1905	7D	R1942	6C	C1226	2C	C1301	2C		
D1901	7D	R445	4E	R1263	7B	R1906	6C	R1943	5C	C1227	3C	C1302	2C		
D1902	7D	R446	4E	R1264	8B	R1907	6C	R1945	4B	C1228	3C	C1303	2C		
D1903	7E	R478	4D	R1265	7B	R1909	6B	R1946	7C	C1229	3C	C1304	2B		
D1905	6D	R482	4D	R1266	7B	R1910	7C	C439	3D	C1230	3C	C1305	2B		
L1303	2B	R483	3E	R1267	7B	R1911	7C	C441	2D	C1231	3B	C1306	2B		
L1901	7C	R484	3D	R1268	7C	R1912	7C	C442	2D	C1232	3C	C1307	2C		
Z1301	6B	R485	3E	R1269	7C	R1913	7C	C443	3D	C1233	4C	C1308	2C		
Z1302	6B	R486	5D	R1270	7C	R1914	7C	C444	3D	C1234	4C	C1309	2C		
Z1303	5B	R488	3C	R1271	8B	R1915	5C	C472	5C	C1235	2B	C1310	2C		
Z1304	5B	R489	6E	R1272	7B	R1916	6D	C475	5D	C1237	2B	C1313	6B		
Z1305	4B	R490	5D	R1301	2C	R1917	7D	C476	6D	C1238	4C	C1318	2B		
Z1306	4B	R491	6E	R1302	2C	R1918	7D	C477	5D	C1239	3C	C1319	2D		
Z1307	4B	R1206	4C	R1303	2C	R1919	7D	C478	6D	C1241	3C	C1320	2D		
Z1308	5B	R1227	3C	R1304	2B	R1920	7D	C479	4C	C1243	3D	C1702	8B		
CF1901	6C	R1228	3C	R1305	2B	R1922	6D	C481	3E	C1244	3D	C1705	8D		
CN702	8B	R1233	3B	R1306	2B	R1923	6D	C482	3E	C1245	3E	C1706	8E		
CN1001B	6B	R1234	3C	R1307	2C	R1924	6D	C484	5D	C1246	4C	C1707	8E		
E OPERATION P.C.B.															
D939	2K	S950	3K	S955	3H	S969	3H	R941	2K	R953	3I	R967	3I		
D940	2K	S951	4I	S956	2H	W354	2J	R950	3J	R954	3H	R968	3I		
D941	2K	S953	2I	S957	2H	R939	2K	R951	2I	R955	2H				
VR902	2J	S954	3I	S967	3I	R940	2K	R952	2I	R956	2H				

D FL P.C.B.



■ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
D FL P.C.B.															
IC501	2C	D924	4F	L901	5H	R502	4B	R522	4D	R552	4A	R917	4H	R946	4L
IC511	2D	D931	2F	Z891	3J	R503	3B	R523	5D	R553	4B	R920	4F	R947	3L
IC551	4B	D932	2G	CF901	3G	R504	3B	R524	4E	R891	2D	R921	4F	R957	2E
IC901	3H	D933	2G	FL901	4F	R505	4C	R525	4D	R892	2D	R922	4F	R960	4K
IC903	2E	D934	2H	S958	2D	R506	3C	R526	4D	R893	3F	R929	5K	R961	4L
Q505	3E	D935	2H	S960	3C	R508	3C	R527	4D	R894	3F	R930	5K	R962	4L
Q506	4E	D936	2I	S964	5K	R511	4C	R528	4D	R901	3G	R931	2F	R963	5L
Q901	4G	D937	2J	S965	5L	R512	3D	R529	5D	R904	3I	R932	2G	R964	5K
Q902	4F	D942	2D	S966	5L	R513	4D	R530	4E	R906	4I	R933	2G	R965	5L
Q1681	5J	VR501	3B	CN354	3L	R514	3D	R531	3E	R907	3H	R934	2G	R966	5L
Q1682	5J	VR502	5B	CP501	5L	R515	4D	R532	3E	R908	4F	R935	2H	R991	3G
D901	4G	VR511	4D	CP901	5I	R516	3D	R533	4E	R909	3H	R936	2H	R992	3F
D903	4K	VR512	4C	CP902	5H	R517	4D	R534	4E	R910	3H	R937	2H	R993	4K
D910	4H	VR901	3D	CP903	5F	R518	3E	R543	3E	R911	3G	R942	2D	R994	4K
D912	4H	VR903	3K	CP904	5E	R519	4D	R544	4E	R914	3I	R943	3H	R995	3L
D921	4H	L501	1C	CP905	5D	R520	4E	R546	5H	R915	3F	R944	4I	R996	3L
D923	4G	L502	1C	R501	4B	R521	4D	R551	4B	R916	3E	R945	4I		



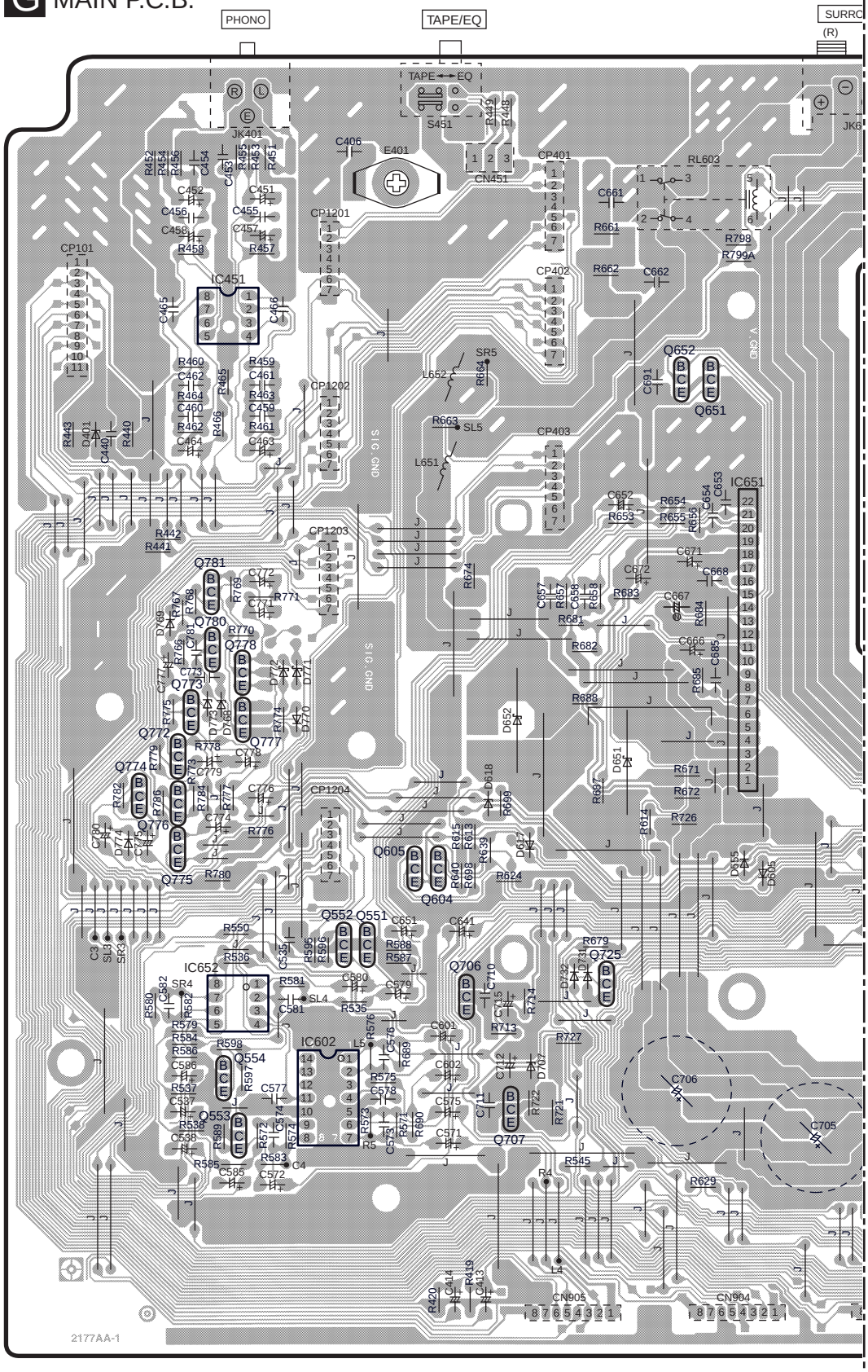
■ELECTRICAL PARTS LOCATION

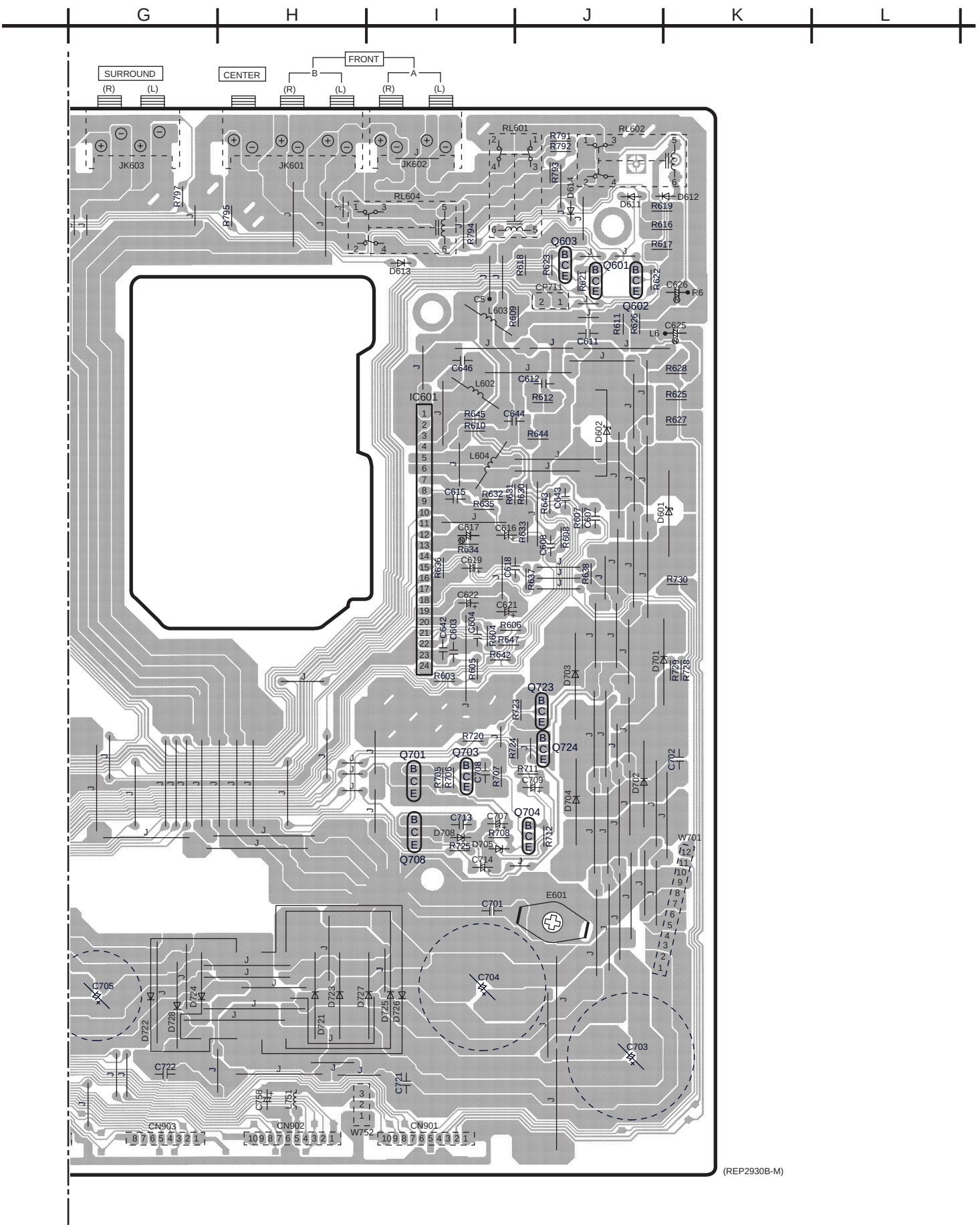
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
ⒹFL P.C.B.											
R997	2F	R1695	5J	C520	4C	C551	4A	C911	4K	C932	4F
R998	2F	R1696	5J	C521	4D	C552	4A	C912	4J	C933	5G
R1681	5I	R1699	5I	C522	3E	C553	4B	C913	5K	C955	5F
R1682	5I	C503	2C	C523	4E	C554	4B	C914	4K	C991	2D
R1683	5J	C504	3C	C524	4E	C891	4J	C916	4G	C992	2D
R1684	5J	C505	2C	C525	5D	C894	2E	C920	3F	C993	3K
R1685	5J	C506	2C	C526	4E	C895	2E	C921	4H	C994	4K
R1686	5J	C511	4C	C527	4D	C901	3F	C922	4H	C995	3K
R1687	5J	C512	3C	C528	4D	C902	3G	C923	4H	C996	3K
R1688	5J	C513	4D	C529	4D	C903	3G	C924	4H	C997	2E
R1689	5J	C514	3D	C530	4D	C904	3F	C925	4H	C998	2E
R1690	5K	C515	4D	C531	3D	C905	3H	C926	4H	C1685	5J
R1691	5J	C516	3D	C532	4D	C906	4F	C927	4I		
R1692	5J	C517	4D	C533	3E	C908	4F	C928	4I		
R1693	5J	C518	3D	C534	4E	C909	4K	C929	4I		
R1694	5J	C519	4D	C536	3E	C910	4J	C930	4I		

A B C D E F

1 2 3 4 5 6 7 8

G MAIN P.C.B.

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R606
R647
R642
R603
R605
D703
D701
R729
R728
Q723
R723
R720
R724
Q724
Q701
Q703
R705
R706
C708
R707
R711
C709
D704
D702
C702
C713
C707
Q704
D708
R708
R712
R725
D705
C714
Q708
W701
E601
C701
C705
C704
C703
D724
D723
D727
D725
D726
D728
D721
D722
C722
C721
C718
L701
W752
CN903
CN902
CN901

(REP2930B-M)

■ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
CMAIN P.C.B.											
IC451	3C	D732	6E	R464	3C	R637	4J	R776	5C	C617	4I
IC601	4I	D768	5C	R465	3C	R638	4J	R777	5C	C618	4I
IC602	7D	D769	4C	R466	3C	R639	6D	R778	5C	C619	4I
IC651	4F	D770	5C	R535	6D	R640	6D	R779	5C	C621	4I
IC652	6C	D771	5C	R536	6C	R641	6E	R780	6C	C622	4I
Q551	6D	D772	5C	R537	7C	R642	5I	R782	5B	C625	3K
Q552	6D	D773	5C	R538	7C	R643	4J	R784	5C	C626	2K
Q553	7C	D774	6B	R545	7E	R644	3J	R786	5C	C641	6D
Q554	7C	L602	3I	R550	6C	R645	3I	R791	1J	C642	5I
Q601	2J	L603	2I	R571	7D	R647	5I	R792	2J	C643	4J
Q602	2J	L604	3I	R572	7C	R653	4E	R793	2J	C644	3I
Q603	2J	L651	3D	R573	7D	R654	4E	R794	2I	C646	3I
Q604	6D	L652	3D	R574	7C	R655	4E	R795	2H	C651	6D
Q605	6D	L751	8H	R575	7D	R656	4F	R797	2G	C652	4E
Q651	3F	RL601	2J	R576	7D	R657	4E	R798	2F	C653	4F
Q652	3E	RL602	1J	R579	7C	R658	4E	R799A	2F	C654	4F
Q701	6I	RL603	2F	R580	6C	R661	6E	C406	2D	C657	4E
Q703	6I	RL604	2I	R581	6C	R662	6E	C413	8D	C658	4E
Q704	6J	S451	2D	R582	6C	R663	3D	C414	8D	C661	2E
Q706	6D	CN451	2D	R583	7C	R664	3D	C440	3B	C662	2E
Q707	7E	CN901	8I	R584	7C	R671	5F	C451	2C	C666	4F
Q708	6I	CN902	8H	R585	7C	R672	5F	C452	2C	C667	4E
Q723	5J	CN903	8G	R586	7C	R674	4D	C453	2C	C668	4F
Q724	5J	CN904	8F	R587	6D	R679	6E	C454	2C	C671	4F
Q725	6E	CN905	8E	R588	6D	R681	4E	C455	2C	C672	4E
Q772	5C	CP101	3B	R589	7C	R682	4E	C456	2C	C685	5F
Q773	5C	CP401	2E	R595	6C	R683	4E	C457	2C	C691	3E
Q774	5C	CP402	3E	R596	6D	R684	4F	C458	2C	C701	6I
Q775	6C	CP403	4E	R597	7C	R685	5F	C459	3C	C702	5K
Q776	5C	CP711	2J	R598	7C	R687	5E	C460	3C	C703	8J
Q777	5C	CP1201	2D	R603	5I	R688	5E	C461	3C	C704	7I
Q778	5C	CP1202	3D	R604	5I	R689	7D	C462	3C	C705	7F
Q780	4C	CP1203	4D	R605	5I	R690	7D	C463	3C	C706	7E
Q781	4C	CP1204	6D	R606	5I	R698	6D	C464	3C	C707	6I
D401	3B	JK401	1C	R607	4J	R699	5E	C465	3C	C708	6I
D601	4K	JK601	1H	R608	4J	R705	6I	C466	3C	C709	6J
D602	3J	JK602	1I	R609	3J	R706	6I	C535	6C	C710	6D
D605	6F	JK603	1G	R610	3I	R707	6I	C537	7C	C711	7D
D611	2J	E401	2D	R611	3J	R708	6I	C538	7C	C712	7E
D612	2K	E601	7J	R612	3J	R711	6J	C571	7D	C713	6I
D613	2I	W701	7K	R613	5D	R712	6J	C572	7C	C714	6I
D614	2J	W752	8H	R614	5E	R713	7E	C573	7D	C715	6E
D617	6E	R419	8D	R615	5D	R714	6E	C574	7C	C721	8I
D618	5D	R420	8D	R616	2J	R720	5I	C575	7D	C722	8G
D651	5E	R440	3B	R617	2J	R721	7E	C576	7D	C758	8H
D652	5E	R441	4C	R618	2J	R722	7E	C577	7C	C771	4C
D655	6F	R442	4C	R619	2J	R723	5J	C578	7D	C772	4C
D701	5J	R443	3B	R621	2J	R724	5J	C579	6D	C773	5C
D702	6J	R448	1E	R622	2J	R725	6I	C580	6D	C774	5C
D703	5J	R449	1E	R623	2J	R726	5F	C581	6C	C775	6C
D704	6J	R451	2C	R624	6E	R727	7E	C582	6C	C776	5C
D705	6I	R452	2C	R625	3K	R728	5K	C585	7C	C777	5C
D707	7E	R453	2C	R626	3J	R729	5K	C586	7C	C778	5C
D708	6I	R454	2C	R627	3K	R730	4K	C601	7D	C779	5C
D721	7H	R455	2C	R628	3K	R766	4C	C602	7D	C780	5B
D722	7G	R456	2C	R629	7F	R767	4C	C603	5I	C781	4C
D723	7H	R457	2C	R630	4J	R768	4C	C604	5I		
D724	7G	R458	2C	R631	4I	R769	4C	C607	4J		
D725	7I	R459	3C	R632	4I	R770	4C	C608	4J		
D726	7I	R460	3C	R633	4J	R771	4C	C611	3J		
D727	7I	R461	3C	R634	4I	R773	5C	C612	3J		
D728	7G	R462	3C	R635	4I	R774	5C	C615	4I		
D731	6E	R463	3C	R636	4I	R775	5C	C616	4I		